

CATALOGUE

OF

Surgical Instruments

Manufactured and Sold by



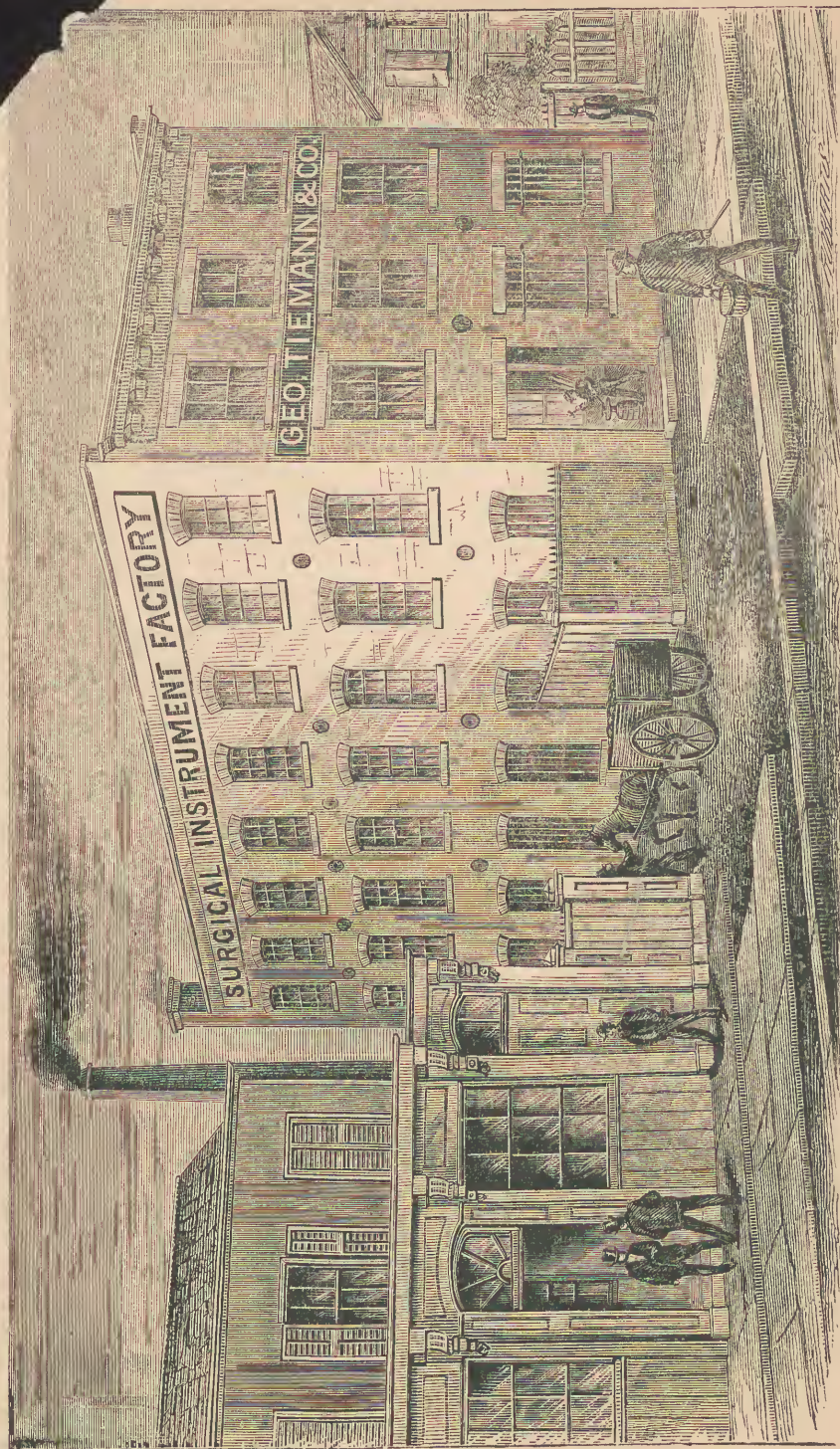
GEO. TIEMANN & CO.,

F. A. STOHLMANN,

EDWARD PFARRE,

No. 67 CHATHAM-STREET,

NEW-YORK.



Geo. Tiemann & Co.'s Surgical Instrument Factory,
BOERUM STREET, BROOKLYN, E. D., NEW-YORK.

F. A. STOHLMANN.

EDWARD PFARRE,

CATALOGUE

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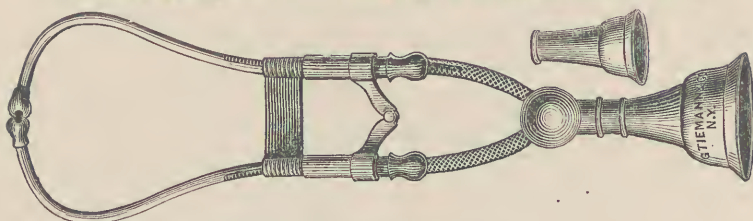
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1872

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GEO. TIEMANN & CO.,

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CAMMAN'S STETHOSCOPE.



IMPROVED BY DR. SNELLING, N. Y.,

with one India Rubber Rim, by the elastic expansion of which all air is excluded.

Its advantage will be evident at a glance in auscultation over the carotids, where the pressure made by the ordinary unshielded lip of the instrument must cause an adventitious murmur; over the jugulars for venous murmur, over or under the clavicle when a patient is so thin as to preclude the complete adjustment of the ordinary instrument to the exclusion of the air; in patients so emaciated as to make it impossible to apply the sounding tube upon or between the ribs, and where it is desirable to locate a cardiac murmur over one or another valve.

Extracted from the American Medical Times, October 26, 1861.

On Auscultation, Percussion, &c.

BY AUSTIN FLINT, M.D.

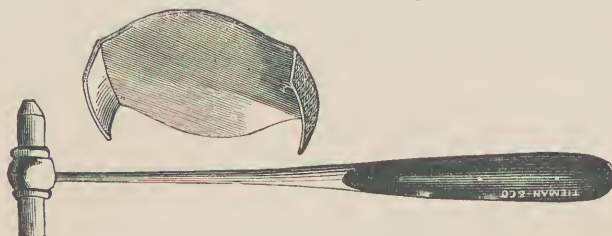
If you percuss much, you may find a serious inconvenience arising from soreness of the dorsal surfaces of the fingers used as a pleximeter. Several years ago I was obliged to resort to other instruments for this reason.

Various instruments have been contrived as substitutes for the fingers. A disk of ivory, bone, or india rubber, is generally used as a pleximeter. The one which I use is composed of hard india rubber; it differs from those in common use, in the length of the auricles. They are of large size and roughened on their exterior aspect, so as to be easily and firmly held by the fingers of the left hand.

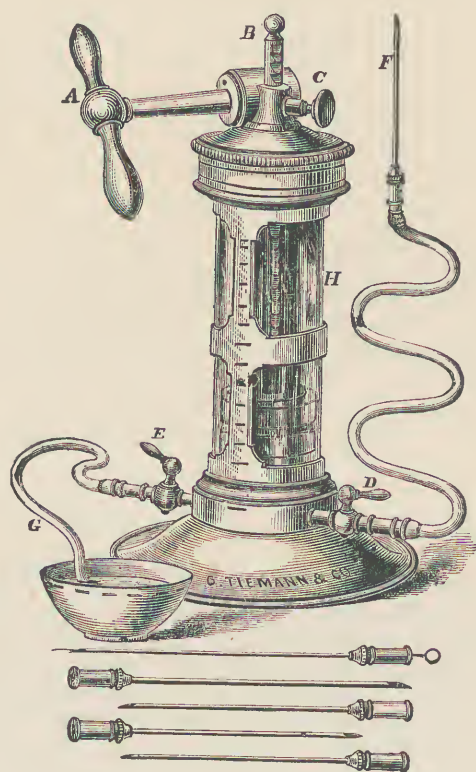
Of percussors I have three varieties before me. One consists of a small metallic ball encircled with a ring of india-rubber, and attached to a small elastic handle of whalebone. I have no doubt that this instrument answers very well, but I prefer a handle which is rigid, not elastic. Another is the instrument known as Winterich's hammer. It consists of a pretty heavy piece of metal, with a cone of india-rubber inserted into it, attached to a flattened handle with space hollowed out to receive the ends of the fingers. This instrument is intended to be used by throwing up the hammer to a certain height, and allowing it to fall upon the pleximeter. It seems to me that the force of the blows can be better estimated if they are made directly and entirely by muscular action, and if used in this way, the hammer is too heavy and the form is inconvenient.

For several years I was in the habit of using a hammer of steel (with a cone of india-rubber inserted) considerably smaller than that of Winterich's instrument, the handle being round and of a convenient size for striking directly upon the pleximeter. One difficulty which I experienced with this instrument was, the india-rubber cone frequently became loose and fell out, or it became too much compressed and required to be renewed. To obviate this difficulty and to secure more completely the great object in a percussor, viz., to bring out a sound which shall, as exclusively as possible, come from within the chest, the instrument which you see me use habitually, was contrived and made, at my suggestion, about a year ago, by Messrs. Tiemann & Co., of this city. It consists of a hammer composed of india-rubber in the form of a double cone. This is firmly fixed in a metallic ring at the centre of the cone, attached to a handle of convenient size and length. It is, in fact, a double hammer, one end of the cone being smaller than the other end. This instrument seems to me to leave nothing to be desired, as regards weight, form, durability, &c. It produces, moreover, as little sound as possible, exclusively of that coming from within the chest. You will perceive that, in the latter respect, the smaller end of the cone is preferable to the larger end. I strike successively with the two ends, and it is evident that a greater share of the sound with the larger end comes from the contact with the pleximeter and not from within the chest.

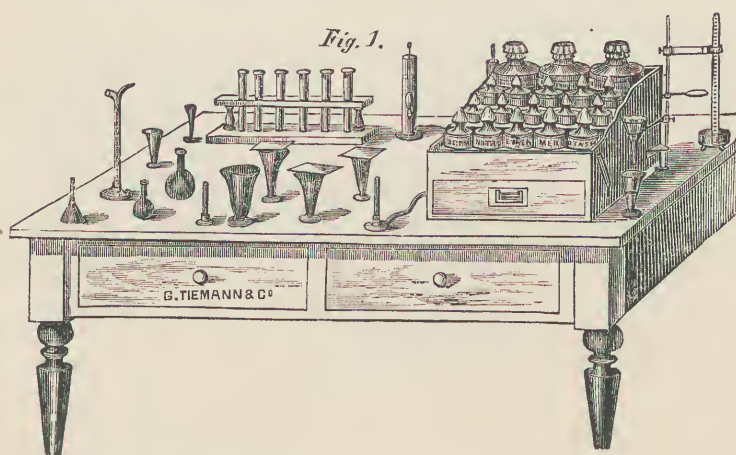
The percussor and pleximeter used by the writer are figured in the accompanying wood-cut.



IMPROVED ASPIRATORS.



APPARATUS FOR URINARY EXAMINATIONS.



INDEX AND PRICE-LIST

To Part I,

OF

Illustrated Catalogue

OF

Surgical Instruments,

*Apparatus for Deformities and Fractures, Bandages, Trusses,
Spine Braces, &c.*

MANUFACTURED AND SOLD BY

GEO. TIEMANN & CO.,

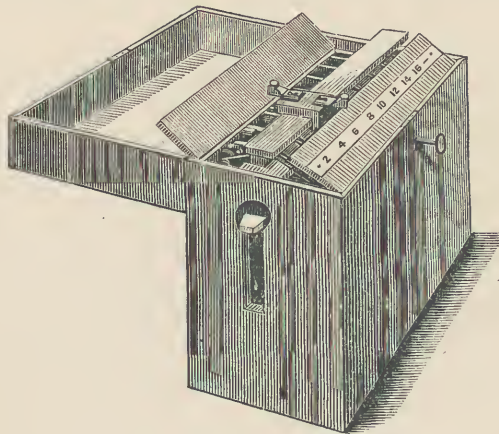
No. 67 Chatham-Street, and

Branch Store 107 East 28th Street, New-York.

FACTORY,

81 and 83 Boerum-Street, Brooklyn, E. D., N. Y.

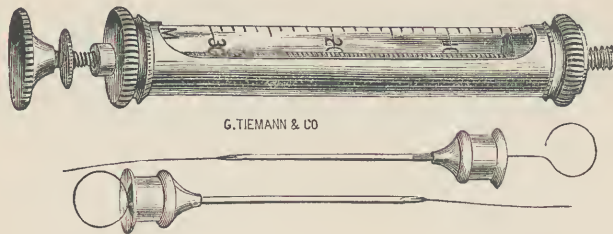
STOEHRER'S GALVANIC BATTERY



and other Electric Batteries and Electrodes for Medical Purposes.

(Extract from the "Medical Record," March 15th, 1871.)

A NEW HYPODERMIC SYRINGE.



We present our readers with a new hypodermic syringe, devised by GEO. TIEMANN & Co., which we think, has decided advantages over others. These advantages consist, for the most part, in the peculiar construction of the instrument, which allows of its being kept clean with very little trouble, in the comparative improbability of its getting out of order, and its non-liability to breakage.

As represented in the cut, the glass cylinder is encased in a metal mounting, fenestrated to show the graduations for minims. No cement is used to fasten the parts to each other, but in its stead there are washers at each extremity of the cylinder, which not only insure the exclusion of air, but effectually prevent the annoyance of the glass becoming loose.

The instrument can be taken apart for cleaning by simply unscrewing the nut through which the piston plays. The piston is made longer than the cylinder, to allow of the washer being pushed through far enough to be freshened, oiled, &c., without the trouble of getting at it in the old way.

The two canulated points are made of tempered cast-steel and much finer than those usually employed, an advantage in lessening pain on the introduction of the same.

For Sale by

GEO. TIEMANN & CO.

ESTABLISHED 1826.

F. A. Stohlmann,

Edward Pfarre,

Manufacturers and Importers of

SURGICAL INSTRUMENTS,

67 CHATHAM-STREET,

NEW-YORK.

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PART I. a.

Contains a LIST of

General Operating, Amputating, Trepanning Bone, Bullet, Artery, and Minor Operating Instruments, put up in **SETS** in **ROSEWOOD** or **MAHOGANY BOXES** or **POCKET CASES**, according to the Recommendations of our most eminent American Professors of Surgery.

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AT WHICH

SINGLE INSTRUMENTS WILL BE FURNISHED.

No. I. SET OF AMPUTATING INSTRUMENTS.

1 Liston's Knife, Hip and Thigh	\$4.50
1 " " Leg and Arm	3.50
1 Catling, small, Hand and Foot.....	2.00
1 Scalpel	0.75
1 Tenaculum	0.75
1 Pair spring-catch Artery Forceps	1.50
1 Metacarpal Saw	1.50
1 Capital Saw, solid handle.....	5.00
1 Tourniquet	2.00
12 Needles, Silk, Wax, and Plastic Pins.....	1.00
1 Pair Bone Forceps, g. st.	2.50
1 Mahogany Case lined with fine oil-dyed velvet	8.00

Amount \$33.00

No. II. SET OF AMPUTATING INSTRUMENTS.

1 Liston's long Knife, Hip and Thigh.....	\$4.50
1 " medium Knife, Leg and Arm	3.50
1 Catling, medium, one inch longer than in the above set.....	2.50
1 Scalpel, chequered handle	1.50
1 Tenaculum	0.75
1 Capital Saw	5.00
1 Metacarpal Saw.....	1.50
1 Pair spring-catch Artery Forceps, fenestrated.....	2.00
1 Tourniquet.....	2.00
12 Needles, Silk, Wax, and Plastic Pins	1.00
1 Pair Liston's Bone Forceps, best.....	3.00
1 Mahogany Case lined with oil-dyed velvet	8.00

Amount \$35.25

No. III. COMPACT AMPUTATING SET.

1 Liston's Knife, long, handle unscrews, admitting the instruments to be placed in a very short and compact case	\$5.50
1 Catling, medium size	3.00
1 Finger Knife, French.....	2.00
1 Scalpel	0.75
1 Tenaculum	0.75
1 Capital Saw, screw handle.....	4.00
1 Metacarpal Saw	1.50
1 Liston's Bone Forceps, best	3.00

FIG. 1.—Bow Saw for Capital Operations, with 2 blades.

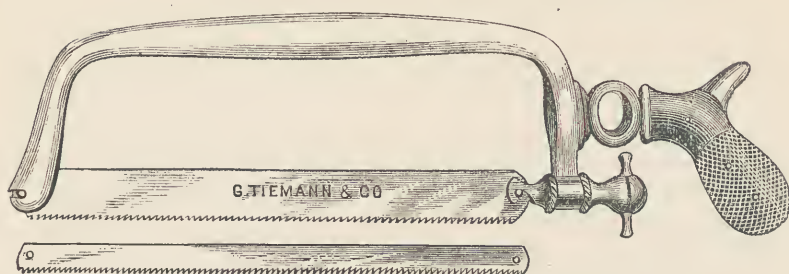


FIG. 4. FIG. 5. FIG. 6. FIG. 7. FIG. 8.

Pfarre's Amputating Saw.

FIG. 2.

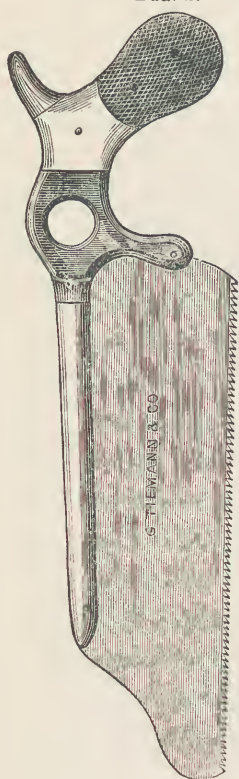


FIG. 3.

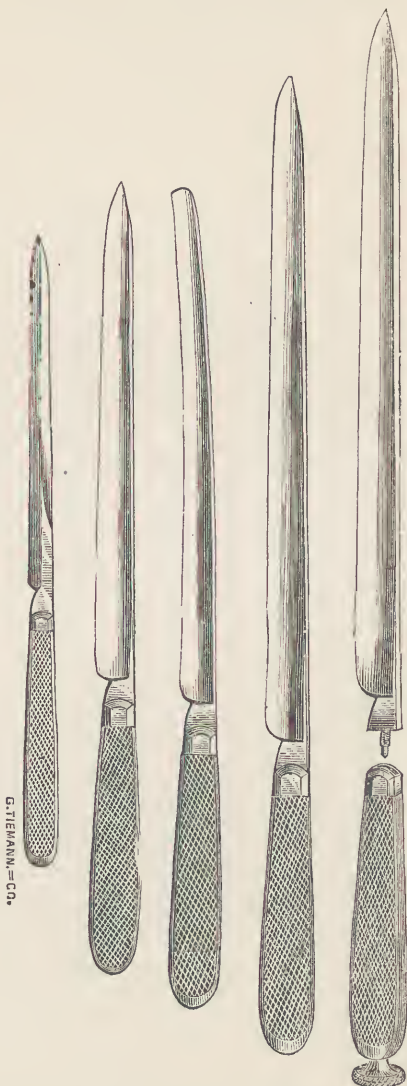


FIG. 3. Metacarpal Saw.

FIG. 4. Small Catling.

FIG. 5. Liston's small Knife.

F. A. Stohlmann.

FIG. 6. Wood's Circular Knife.

FIG. 7. Liston's long Knife.

FIG. 8. Liston's long Knife, screw handle.

Edward Pfarre

1 Pair of fenestrated spring-catch Artery Forceps	\$2.00
1 Tourniquet	2.00
12 Needles, Silk, Wax, Plastic Pins	1.00
1 Rosewood Case, lined with oil-dyed velvet	8.00
	<u>Amount \$33.50</u>

AMPUTATING AND TREPANNING SET.

1 Liston's long Knife, Hip and Thigh	\$4.50
1 " medium Knife, Leg and Arm	3.50
1 Catling, Foot and Hand	2.50
1 Tenaculum	0.75
1 Scalpel	1.00
1 Elevator and Raspatory	1.50
1 Brush	0.25
1 Hey's Saw	1.75
1 Capital Saw	5.00
1 Metacarpal Saw	1.50
1 Galt's conical Trephine and handle	4.00
1 Pair spring-catch fenestrated Artery Forceps	2.00
1 Tourniquet	2.00
1 Pair Liston's Bone Forceps	3.00
12 Needles, Silk, Wax, Plastic Pins	1.00
1 Mahogany or Rosewood Case, lined as above	10.00
	<u>Amount \$44.25</u>

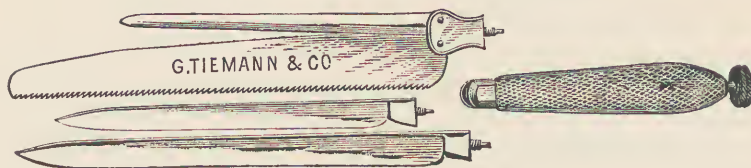
CAPITAL OPERATING SET.

1 Capital Saw	\$5.00
1 Liston's long Knife or Catling, Hip and Thigh	5.00
1 " medium Knife or Catling, Leg and Arm	4.00
1 Short Catling or Breast Knife	2.00
1 Scalpel, chequered handle	1.00
1 Tenaculum	0.75
1 Pair fenestrated spring-catch Artery Forceps	2.00
1 Pair Liston's Bone Forceps	3.00
1 Elevator with Raspatory	1.50
1 Brush	0.25
1 Hey's Saw	1.75
1 Galt's conical Trephine and handle	4.00
1 Tourniquet	2.00
12 Needles, Silk, Wax, Plastic Pins	1.00
2 Small Scalpels, @ 75 cts.	1.50
1 Distourie, sharp-pointed	1.00
1 Bistouric, probe-pointed	1.00

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Edward Pfarre.

FIG. 9. Conant's Amputating Knives and Saw.



Trepanning and Amputating Scalpels.

FIG. 10.

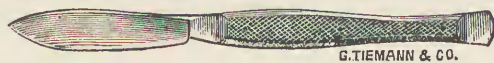


FIG. 11.



Amputating Tenaculum.

FIG. 12.



Elevator and Raspatory, and Plain Trepanning Elevator.

FIG. 13.



FIG. 14.



Liston's Bull-Dog Forceps, spring-catch.

FIG. 15.



1 Bistouric, finger	\$1.00
1 Tenotome	1.00
1 Trocar and Canula	2.00
1 Aneurism Needle.....	0.75
1 Mahogany Case, neatly carved and lined with oil-dyed velvet.....	10.50
	<hr/>
	Amount \$52.00

BUCK'S GENERAL OPERATING SET.

1 Liston's long Knife, Hip and Thigh	\$4.50
1 " medium Knife, Leg and Arm	3.50
1 Metacarpal Knife, large	2.00
1 Straight Bistourie, ferruled handle.....	1.25
1 Curved Bistourie, sharp point	1.25
1 Curved Bistourie, probe point	1.25
1 Hernia Bistourie	1.25
1 Tenotome	1.25
4 Scalpels, assorted sizes, @ \$1.25	5.00
1 Tenaculum.....	1.25
1 Pair Crampton's Artery Needles	4.00
1 Double-pronged Hook.....	1.50
1 Beer's Cataract Knife	1.50
1 Desmarre's Scarifying Knife.....	1.50
1 Straight Eye Needle	1.25
1 Curved Eye Needle	1.25
1 Gouge and Spud for removing foreign bodies from the eye	2.00
1 Folding Probang with silver Bucket	2.50
1 Long Bullet Probe, German silver	0.50
1 Nelaton's Bullet Probe.....	0.60
1 Pair German silver Retractors.....	1.50
1 Double silver Trachea Tube	6.00
1 Curved Rongeur, with spring.....	3.50
1 Ferguson's Bone-Holding Forceps, lion jaw	3.00
1 Pair Liston's Bone Forceps.....	3.00
1 Pair Sequestra or Toe-nail Forceps	2.50
1 Small straight Trocar and Canula.....	2.00
1 Ferguson's Bone-holding Forceps, crow-bill.....	3.00
1 Rectum Trocar and Canula, curved.....	3.00
2 Gouges @ \$1.50	3.00
2 Chissels @ \$1	2.00
1 Straight Trocar and Canula, large size.....	2.00
1 Pair Lithotomy Forceps	2.50
1 Glass Ear Speculum	0.50
1 Tourniquet.....	2.00
4 Silver Catheters, Nos. 3, 6, 9, 12	8.00
1 Tiemann & Co.'s Bullet Forceps.....	2.25
1 Steel Director	0.60
1 Pair Coxeter's Forceps.....	1.00

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FIG. 16. D. H. Goodwillie's Oral Saw.



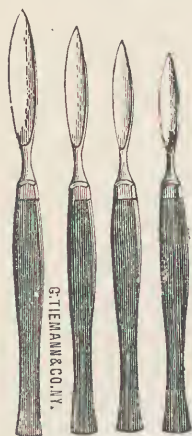
Double Hook.

FIG. 21.



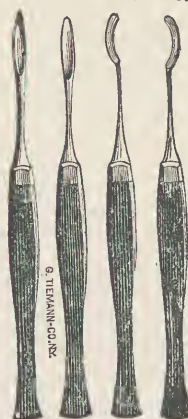
Operating Scalpels

FIG. 17. 18. 19. ' 20.



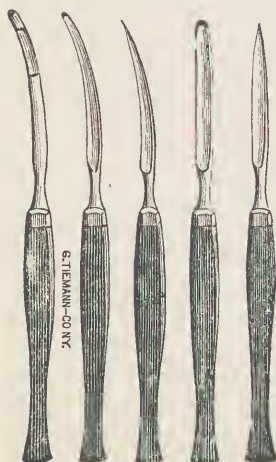
Tenotomes.

FIG. 22. 23. 24. 25.



Bistouries.

FIG. 26. 27. 28. 29. 30.



Satterlee's Bone Forceps.

FIG. 31.



Aneurism Needle and Tenaculums.

FIG. 32. 33.



F. A. Stohlmann.

Edward Pfarre.

2 Vulcellum Forceps @ \$2.....	\$4.00
1 Pair Eye Scissors, curved on the flat	1.50
1 Pair heavy Scissors, angular curve	1.50
1 Lithotomy Bistourie.....	2.00
1 Wire Ecraseur.....	5.00
1 Pair Spring-catch Artery Forceps, fenestrated	2.00
1 Pair Buck's Throat Forceps	2.50
1 Pair Polypus Forceps	2.25
1 Pair Strabismus Forceps	1.25
1 Buck's Hernia Director.....	2.50
1 Capital Saw.....	5.00
1 Chain Saw, best.....	10.00
1 Trephine and handle	4.00
1 Metacarpal Saw, moveable back.....	3.00
1 Finger Saw, narrow blade	1.50
3 Lithotomy Staffs @ \$2.....	6.00
3 Steel Bougies @ \$1.....	3.00
1 Syme's Staff.....	2.00
1 Buck's Sponge-Holder	1.50
1 Germ. silver Eye Speculum.....	0.80
1 Odema Glottis Instrument	1.00
12 Needles, Silk, Wax, Plastic Pins.....	1.00
2 Coils silver Suture Wire and four coils iron Wire.....	1.00
3 Silver Probes @ 38 Cts.....	1.14
6 Serrefines @ 25 Cts... ..	1.50
1 Mahogany or Rosewood Case, brass bound, good French lock, lined with silk velvet, neatly arranged	29.00
1 Patent-leather Cover, water-proof	5.00
Amount \$191.39	

BLACKMAN'S GENERAL OPERATING SET.

1 Liston's long Knife, handle to unscrew.....	\$5.50
1 " medium Knife.....	4.00
1 Catling	2.50
1 Straight Finger Knife.....	1.25
1 Capital Saw	5.00
1 Aneurism Needle.....	1.25
1 Tenaculum	1.25
1 Narrow Finger Saw	1.50
1 Lead Mallet	2.50
1 Lithotomy Staff	2.00
1 Chisel	1.00
1 Gouge	1.50
1 Rongeur with spring.....	3.50
1 Pair Liston's Bone Forceps, large, with spring....	4.00
1 Elevator and Raspatory.....	1.50
1 Sequestrum Forceps	2.50

F. A. Stohlmann.

Edward Pfarre.

FIG. 34.

Brainard's Bone Drills.

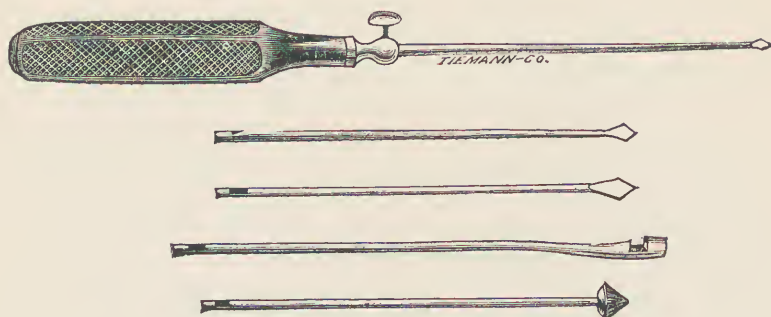


FIG. 35.

Hamilton's Bone Drills.

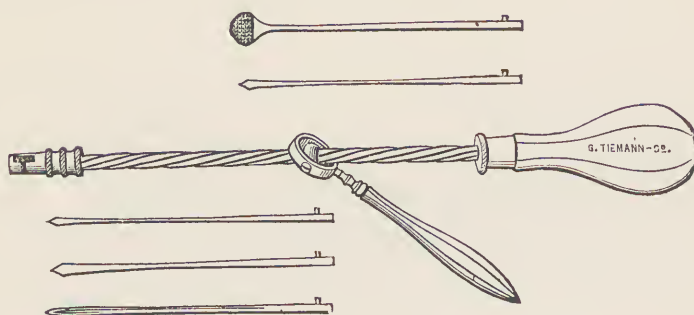


FIG. 36.

Howard's Bone Drills.



FIG. 37.

Sands' Pereosteotome.



FIG. 38.

Sayre's Pereosteotome.



1 Lion-Jaw Bone-holding Forceps.....	\$3.00
1 Tiemann & Co.'s Bullet Forceps.....	2.25
1 Universal Forceps, crossing.....	2.00
1 Double Silver Trachea Tube.....	6.00
1 Lead Bullet Probe.....	0.50
2 Scalpels, with Ferules @ \$1.25.....	2.50
1 Curved sharp-pointed Bistourie.....	1.25
1 Curved probe-pointed Bistourie.....	1.25
1 Hernia Knife.....	1.25
2 Blackman's Retractors.....	3.00
18 Needles, Silk, Wax, Plastic Pins, Silver Wire, Iron Wire.....	2.00
2 Silver Catheters.....	4.00
1 Gum Elastic Catheter.....	0.50
1 Straight Trocar.....	2.00
1 Chain Saw, best.....	10.00
1 Galt's Trephine and Handle.....	4.00
1 Spiral Tourniquet.....	2.00
1 Steel Director.....	0.60
2 Silver Probes.....	0.75
1 Eye-Needle and Scoop on one handle.....	2.50
1 Pair Strabismus Forceps.....	1.25
1 Pair Dressing Scissors.....	1.25
1 Pair Dressing Forceps.....	1.50
1 Wire Eye Speculum.....	0.80
1 Double-current Catheter, silver.....	6.00
1 Nelaton's Probe.....	0.60
1 Horn Screw, to open jaw.....	1.25
1 Pair Artery Forceps, slide catch.....	2.50
1 Rosewood Case, brass bound, lined with oil-dyed patent velvet.....	25.00
1 Patent leather Cover, water-proof.....	4.50
	<hr/>
	\$136.75

HAMILTON'S GENERAL OPERATING SET.

1 Long Catling, Hip, 16 inches long.....	5.50
1 Long Catling, Thigh, 13 inches long.....	4.50
1 Liston's Knife, Leg and Arm, 13 inches long.....	3.50
1 Broad French Bistourie.....	2.00
1 Narrow French Bistourie.....	2.00
1 Probe-pointed Bistourie, ferule handle....	1.25
1 Pair Liston's Bone Forceps.....	3.00
1 Capital Saw.....	5.00
1 Narrow Metacarpal Saw.....	1.50
1 Tenaculum.....	1.25
1 Pair slide-catch Artery Forceps, Tortion.....	2.50
1 Pair spring-catch Artery Forceps, fenestrated.....	2.00
1 Pair Dressing Scissors, straight.....	1.25

Ferguson's Lion-Jaw Bone-holding Forceps.

FIG. 39

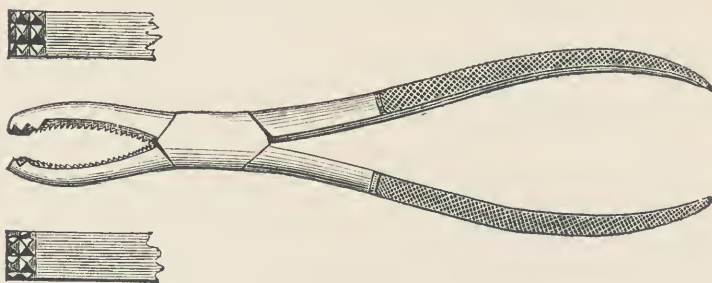


FIG. 40.

Hamilton's Sequestrum Forceps.



FIG. 41.

Liston's Bone Forceps, straight.



FIG. 42.

Liston's Bone Forceps, curved on the flat.



FIG. 43.

Liston's Bone Forceps, knee curve.



FIG. 44.

Trepanning Elevator and Raspatory.



G. TIEMANN & CO.

FIG. 45.



Plain Trepanning Elevator.

F. A. Stohlmann.

Edward Pfarre.

1 Pair strong Harelip Scissors	\$1.50
1 Pair Dressing Forceps	1.50
1 Pair Tiemann & Co.' Bullet Forceps	2.25
1 U. S. A. Bullet Forceps	2.00
1 German silver or whalebone Bullet Probe	0.75
6 Serrefine's, @ 25 Cts.	1.50
12 Needles, Silk, Wax, Plastic Pins	1.00
1 Spiral Tourniquet	2.00
1 Field Tourniquet	1.00
1 Long Director and Ear Spoon	0.60
1 Conical Trephine }	8.00
1 Bone Trephine }	
1 Trephine Handle }	
1 Trepanning Elevator with Raspatory	1.50
1 Hey's Saw	1.75
1 Tirefond	1.75
1 Hard-rubber Dental Syringe.....	1.00
1 Set Mott's Aneurism Needles	2.75
1 Pair plain Artery Forceps	0.75
1 Pair Mott's Retractors	1.50
1 Pair long Cotton Forceps (bird stuffing).....	1.50
3 Acupressure Needles, @ 25 Cts.....	0.75
1 Metal Bougie.....	0.75
2 Silver Catheters	4.00
1 Mahogany Case, brass bound, lined with oil-dyed patent velvet	22.00
1 Patent leather Cover, water-proof	4.50
	<u>\$101.85</u>

POST'S GENERAL OPERATING SET.

1 Granger's Sponge-Holder, gilt	\$2.50
1 Pair Dressing Forceps	1.50
1 Pair Polypus Forceps.....	2.25
1 Pair Strabismus Scissors	1.50
1 Pair Strabismus Forceps.....	1.25
1 Set Mott's Aneurism Needles	2.75
1 Pair Angular Scissors, heavy	1.50
1 Kramer's Ear Speculum, best steel and German silver	3.00
1 Pair Liston's Bone Forceps, larger than usual	4.00
1 Silver Female Catheter.....	1.00
1 Metacarpal Saw	1.50
6 English Gum Elastic Catheters	2.50
1 Medium-sized Trocar and Canula.....	2.00
1 Probang, with Silver Bucket	3.50
1 Nelaton's Probe	0.60
1 Pair Cilia Forceps.....	1.25

F. A. Stohlmann.

Edward Pfarre.

FIG. 46. Galt's Trephine.



Plain Crown Trephine.

FIG. 47.



Galt's Trephine.

FIG. 48.



FIG. 49. Trephine Handle.

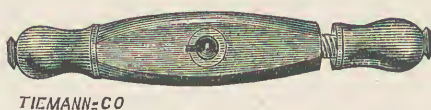


FIG. 50. Pope's Antrum Drill.



Hey's Saw—full.

FIG. 51.



FIG. 52.

Hey's Saw—plane.



FIG. 53.

Metacarpal Saw.



1 Sharp-pointed curved Bistourie, with ferule	\$1.25
1 Finger Bistourie	1.25
3 Scalpels, assorted sizes, @ \$1.25	3.75
1 Tenaculum	1.25
1 Trepanning Scalpel and Raspatory	1.75
1 Long Amputating Knife	4.50
1 Blunt Hook	1.25
2 Coils Silver Wire and Silk	1.20
1 Metal Bullet Probe	0.50
1 Uvula Scissors, with claws	6.00
1 Galt's Trephine }	8.00
1 Bone Trephine }	
1 Trephine Handle }	
1 Ebony Gorgeret	1.50
1 Pair Coxeter's Forceps	1.00
1 Pair Dressing Scissors	1.25
1 Trepanning Elevator	1.25
1 Pair spring-catch Artery Forceps, plain	1.50
1 Rongeur	3.50
1 Double Trachea Tube, silver	6.00
1 Pair Entropium Forceps	2.50
1 Silver Catheter, No. 9	2.25
1 Hey's Saw	1.75
1 Pair Mott's Retractors	1.50
1 Japanned Tongue Depressor	1.25
1 Rectum Trocar	3.00
1 Pair Sequestrum Forceps, toe-nail	2.50
1 Wire Eye Speculum	0.80
1 Tiemann & Co.'s Bullet Forceps	2.25
1 Lachrymal Needle	1.25
1 Tenotome	1.25
1 Probe-pointed Bistourie	1.25
1 Straight and 1 curved Eye Needle, @ \$1.25	2.50
1 Beer's Cataract Knife	1.50
1 Medium-size Amputating Knife	3.50
12 Suture Needles, Silk, Wax, Plastic Pins	1.00
2 Silver Probes	0.75
1 Director	0.60
1 Pair Vulcellum Forceps	2.25
1 Rosewood brass-bound Case, lined with silk velvet	29.00
1 Patent leather Cover, water-proof	5.00
1 Capital Saw	5 00
Amount \$150 95	

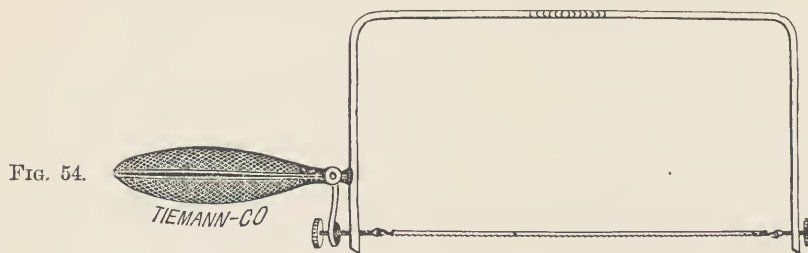
WOOD'S GENERAL OPERATING SET.

1 Pair Silver Probes	\$0.75
2 Steel Sounds, @ \$1	2.00
1 Long Amputating Knife	4.50

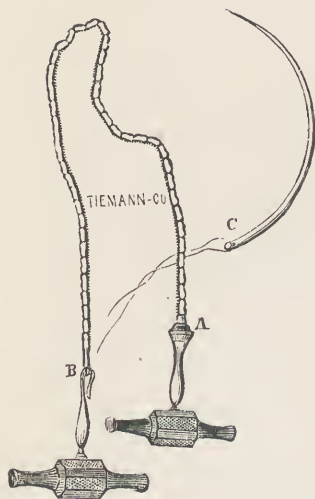
F. A. Stohlmann.

Edward Pfarre.

Szymanowski's Bone Exsecting Saw, improved by TIEMANN & Co



Chain Saw.
FIG. 55.



Chain-Saw-Carrier.
FIG. 56.



TIEMANN & Co.'s
Circular Saw.
FIG. 57.

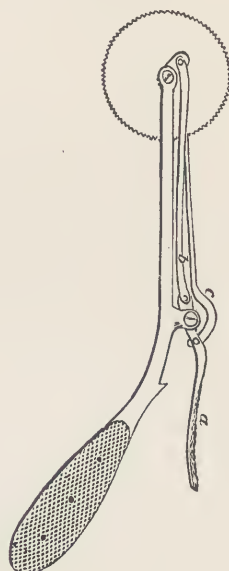


FIG. 58. Lifting-back Metacarpal Saw.



FIG. 59. Trepanning Elevator and Lenticular Knife.



FIG. 60. Lente's Interosseous Saw.



1 Circular Knife.....	\$4.00
1 Catling.....	2.50
1 Trepanning Scalpel with Raspatory	1.75
1 Spiral Tourniquet	2.00
12 Needles, Silk, Wax, Plastic Pins	1.00
1 Trepanning Brush	0.25
1 Metacarpal Saw	1.50
1 Tiemann & Co.'s Bullet Forceps.....	2.25
1 Pair straight Dressing Scissors	1.25
1 Pair curved Eye Scissors	1.50
1 Hey's Saw.....	1.75
1 Silver-plated Catheter	1.25
1 Gum-elastic Catheter	0.50
2 Gum-elastic Bougies.....	1.00
1 Capital Saw	5.00
1 Pair Liston's Bone Forceps	3.00
1 Trephine and Handle, Galt's	4.00
1 Pair spring-catch Artery Forceps, plain	1.50
1 Trepanning Elevator	1.25
1 Director, steel	0.60
1 Beer's Cataract Knife	1.50
1 Curved sharp-pointed Bistourie	1.00
1 Curved probe-pointed Bistourie	1.00
2 Scalpels, @ 75 Cts.	1.50
1 Plain Aneurism Needle	0.70
1 Tenaculum	0.75
1 Strabismus Blunt Hook.....	1.25
1 Straight Eye Needle.....	1.25
1 Curved Eye Needle.....	1.25
1 Curved Eye Forceps, Strabismus	1.25
1 Rosewood, brass bound Case, lined with oil-dyed patent velvet	18.00
Amount <u>\$74.55</u>	

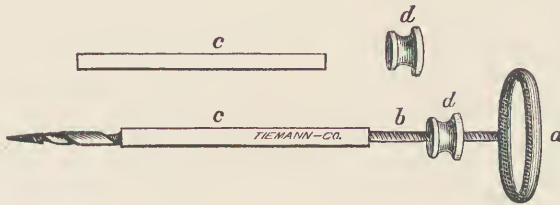
PARKER'S GENERAL OPERATING SET.

1 Liston's Amputating Knife, screw handle	\$5.50
1 Liston's Amputating Knife, medium size	3.50
1 Small Catling.....	2.00
1 Capital Saw	5.00
1 Metacarpal Saw	1.50
1 German silver Wire Eye Speculum.....	0.80
1 Hey's Saw.....	1.75
1 Trepanning Elevator and Raspatory	1.50
1 Galt's Trephine and Handle	4.00
1 Finger Knife.....	1.25
1 Curved probe-pointed Bistourie	1.25
1 Curved sharp-pointed Bistourie	1.25

F. A. Stohlmann.

Edward Pfarre.

E. S. GAILLARD'S, M.D., (Richmond, Va.) Bone Drill for Un-united and Oblique Fractures
FIG. 61.



Retractor, for holding aside the Lips of any Wound in the Progress of an Operation,
by D. Prince, M.D., of Jacksonville, Ill.
FIG. 62.



In amputation of the humerus and femur, to enable the operator easily to saw the bone with a common saw, before cutting the posterior or inner flap, containing the principal artery, the chain-saw, or ligature, can be drawn into its position, by attaching it to either end of the spring conductor. Has a thick edge, for the purpose of peeling up periosteum.

FIG. 63.

Prince's Bone Staff.

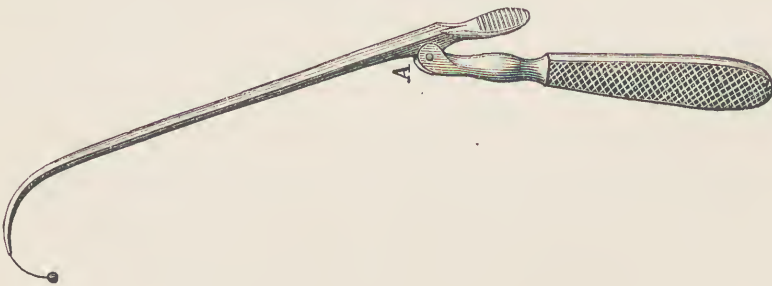
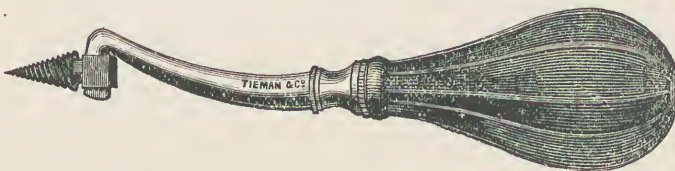


FIG. 64.

Tirefond.



1 Cooper's Hernia Knife	\$1.25
3 Scalpels, assorted, @ \$1.25.....	3.75
1 Cataract Knife.....	1.50
1 Parker's Lachrymal Needle.....	1.50
1 Exploring Trocar.....	1.50
1 Director, steel	0.60
1 Pair Probes, silver	0.75
1 Tiemann & Co.'s Bullet Forceps.....	2.25
1 Tenotome.....	1.25
1 Pair Parker's Retractors.....	1.50
12 Needles, Silk, Silver Wire, Plastic Pins ..	1.50
1 Small Trocar, straight	2.00
1 Rectum Trocar, curved	3.00
1 Pair Artery Forceps, plain.....	0.75
1 Pair Polypus Forceps	2.00
1 Steel Sound	1.00
2 Lithotomy Staffs, @ \$2.00	4.00
1 Lithotomy Bistourie.....	2.00
1 Pair Lithotomy Forceps	2.50
1 Pair Liston's Bone Forceps	3.00
1 Pair Eye Scissors, curved on the flat	1.50
2 Silver Catheters, @ \$2	4.00
1 Spiral Tourniquet	2.00
1 Eye Needle, curved	1.25
1 Set Parker's Aneurism Needles.....	2.75
1 Pair Strabismus Forceps	1.25
1 Pair Artery Forceps, spring-catch, plain.....	1.50
1 Rosewood Case, brass bound, lined with silk velvet	20.00
1 Patent-leather Cover, water-proof	3.50

Amount \$104.65

MARKOE'S GENERAL OPERATING SET.

1 Liston's Knife, long	\$4.50
1 Liston's Knife, medium.....	3.50
1 French Finger Knife, long.....	2.00
1 Straight Bistourie, sharp-pointed.....	1.00
1 Curved Bistourie, sharp-pointed	1.00
1 Curved Bistourie, probe-pointed.....	1.00
1 Cooper's Hernia Knife	1.00
2 Scalpels, assorted, @ 75 cts.....	1.50
1 Tenotome.....	1.00
1 Tenaculum	0.75
1 Aneurism Needle.....	0.70
12 Needles, Silk, Wax, Plastic Pins.....	1.00
1 Tourniquet.....	2.00
1 Chisel	1.00

FIG. 65. Maxillæ Saw.
(right.)



FIG. 67. Maxillæ Saw.
(left.)



FIG. 66. V. GRAEFE'S Circular Saw.

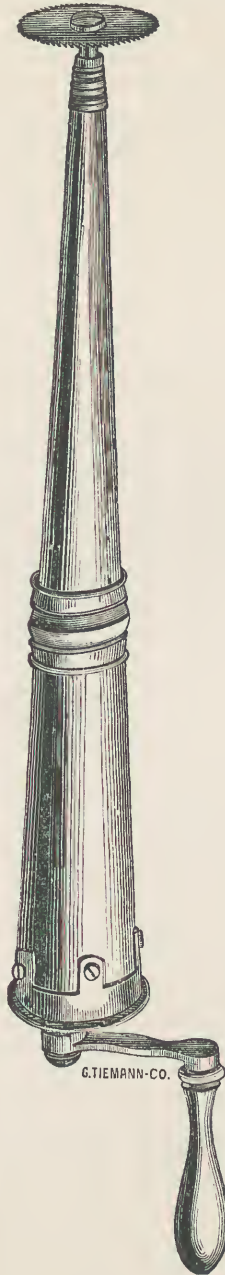
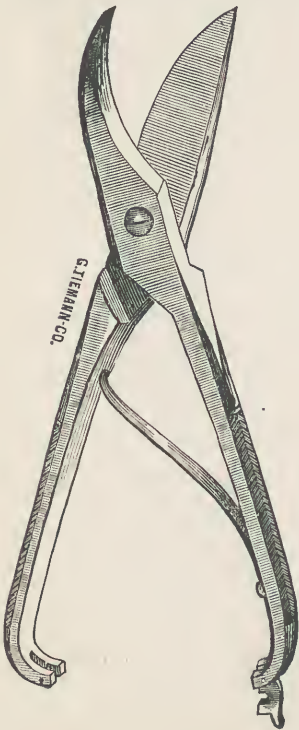
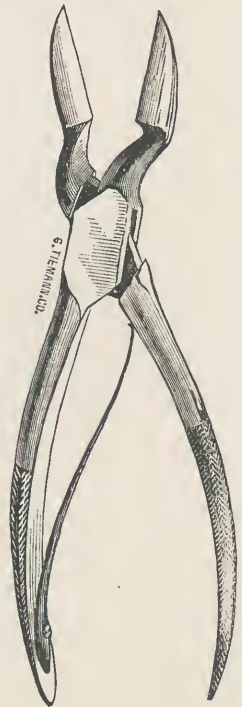


FIG. 68. Costotome or Rib Shears.



F. A. Stohlmann.

FIG. 69. ISAAC'S Bayonet-shaped Bone-Forceps.



Edward Pfarre.

1 Metacarpal Saw	\$1.50
1 Hey's Saw	1.75
1 Trepanning Elevator and Raspatory	1.50
1 Pair Artery Forceps, plain	0.75
1 Pair Artery Forceps, spring-catch, fenestrated.	2.00
1 Pair Vulcellum Forceps, long	2.50
1 Pair Toe-nail Forceps	2.50
1 Capital Saw	5.00
1 Galt's Trephine and Handle	4.00
1 Pair Parker's Retractors	1.50
1 Pair Liston's Bone Forceps	3.00
1 Gouge	1.50
1 Silver Catheter, male	2.00
1 Steel Sound	1.00
1 Rosewood Case, lined with oil-dyed patent velvet	15.00
<hr/>	
Amount \$67.45	
<hr/>	

CONANT'S AMPUTATING AND MINOR OPERATING SET.

1 Amputating Knife, long	} \$12.00
1 Amputating Knife, small		
1 Amputating Saw, small		
1 Handle, to fit the above		
1 Double Hook		1.50
1 Bistourie, probe-pointed		1.25
1 Hernia Knife		1.25
1 Bistourie, sharp-pointed		1.25
2 Scalpels, assorted, @ \$1.25		2.50
1 Tenotome		1.25
2 Parker's Retractors		1.50
1 Director, steel		0.60
1 Nelaton's Bullet Probe		0.60
1 Caustic Holder		1.00
1 Pair Scissors, straight		1.25
1 Pair Scissors, curved on the flat		1.50
1 Pair Tiemann & Co.'s Bullet Forceps		2.25
1 Pair Polypus Forceps, curved, small		2.00
1 Pair Satterlee's Bone Forceps, small		2.50
1 Compound Catheter, male and female, German silver		2.00
2 Silver Probes		0.75
12 Needles, Silk, Wax, Plastic Pins		1.00
1 Pair Artery Forceps, spring-catch, fenestrated		2.00
1 Tourniquet		2.00
1 Rosewood Case, lined with oil-dyed velvet		12.00
<hr/>		
Amount \$53.95		
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FIG. 72.
Brace Trepan and guarded Crown.

FIGS. 70, 71.
GOODWILLIE'S Percosteum
Levators.

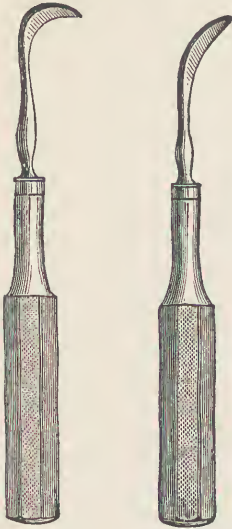


FIG. 73.
Morr's Retractor.



FIG. 74.
BLACKMAN'S Retractor.



FIG. 75
Hand Trepan for guarded Trephines.

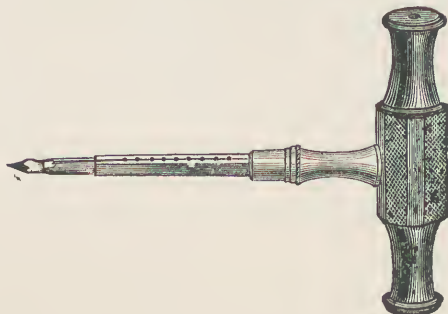


FIG. 76.
PARKER'S Retractor.



F. A. Stohlmann.

Edward Pfarre.

CALIFORNIA GENERAL OPERATING SET.

1 Capital Saw	\$5.00
1 Amputating Knife, long	4.50
1 Amputating Knife, medium.....	3.50
1 Small Catling	2 00
1 Scalpel	0.75
1 Elevator and Raspatory.....	1.50
1 Pair Artery Forceps, spring-catch, plain	1.50
1 Pair Artery Forceps, slide-catch, bulbous points	1.50
1 Tourniquet	2.00
1 Trocar, straight	2.00
1 Tongue Depressor, japanned.....	1.25
1 Pair Liston's Bone Forceps, g. st.....	2.50
1 Galt's Trepine and Handle	4.00
1 Steel Director	0.60
1 Straight Bistourie	1.00
1 Curved Bistourie, probe-pointed	1.00
1 Curved Bistourie, sharp-pointed	1.00
3 Scalpels, assorted sizes, @ 75 cts.	2.25
1 Tenotomy Knife.....	1.00
1 Aneurism Needle.....	0.70
1 Pair Polypus Forceps	2.00
1 Hey's Saw.....	1.75
1 Metacarpal Saw	1.50
1 Pair Dissecting Scissors	0.75
1 Double Hook.....	1.50
1 Green's Tonsil Bistourie	1.50
12 Needles, Silk, Wax, Plastic Pins	1.00
1 Probang	0.50
1 Catheter, German silver, plated.....	1.25
1 Metal Bougie	0.50
1 Pair Tiemann & Co.'s Bullet Forceps	2.25
1 Mahogany Case, lined with oil-dyed velvet	15.00
Amount <u>\$69.05</u>	

DETMOLD'S GENERAL OPERATING SET.

1 Finger Saw, narrow blade	\$1.50
1 Tiemann & Co.'s Bullet Forceps	2.25
1 Pair Polypus Forceps.....	2.00
1 Steel Director	0.60
1 Elevator and Raspatory, or Lenticular Knife	1.50
3 Probes, silver	0.75
1 Acupressure Needle	0.25
1 Trepanning Brush.....	0.25
1 Bullet Probe, lead	0 50

FIG. 77. FERGUSON'S Lion-jaw Bone-holding Forceps.

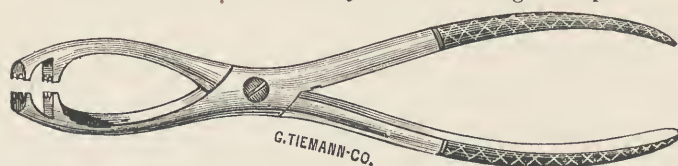
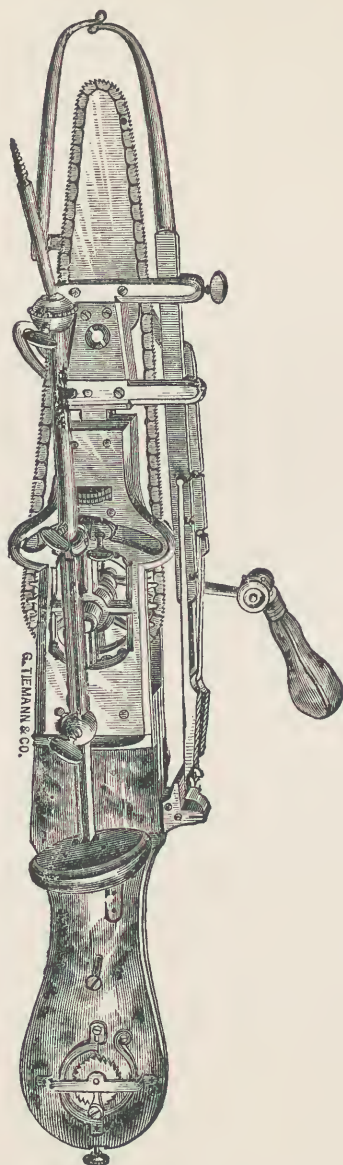


FIG. 78. HEINE'S Saw.



1 Capital Saw	\$5.00
1 Pair Dressing Scissors.....	1.25
1 Small Hone	0.75
1 Long Amputating Knife, handle to unscrew	5.50
1 Pair Parker's Retractors.....	1.50
1 Galt's Trephine and Handle	4.00
1 Pair Liston's Bone Forceps	3.00
1 Pair Artery Forceps, spring-catch, fenestrated	2.00
2 Serrefines, steel, plated	1.00
2 Catheters, silver, Nos. 5, 9, @ \$2	4.00
1 Bullet Probe, whalebone	0.50
1 Catling, long	3.50
1 Catling, small	2.00
1 Trepanning Scalpel	1.75
1 Finger Knife, sharp-pointed.....	1.00
1 Curved Bistourie, sharp-pointed....	1.00
1 Curved Bistourie, probe-pointed.....	1.00
1 Hernia Knife	1.00
3 Scalpels, assorted, @ 75 cts.....	2.25
1 Tenotome	1.00
1 Tenaculum	0 75
1 Aneurism Needle.....	0.70
1 Tourniquet	2.00
12 Needles, Silk, Wax, Plastic Pins	1.00
1 Rosewood Case, lined with oil-dyed velvet	14.00
1 Patent leather Cover, water-proof	3.50
	<u>\$74.55</u>

MOTT'S GENERAL OPERATING SET.

1 Mott's Knife, large	\$5.00
1 Mott's Knife, medium	4.00
1 Small Catling.....	2.00
1 Capital Saw	5.00
1 Metacarpal Saw	1.50
1 Tourniquet.....	2.00
1 Tenaculum	1.25
1 Pair Artery Forceps, plain.....	0.75
1 Pair Artery Forceps, spring-catch, plain	1.50
1 Tiemann & Co.'s Bullet Forceps.....	2.25
1 Liston's Bone Forceps, best	3.00
12 Needles, Silk, Wax, Plastic Pins	1.00
1 Galt's Trephine and Handle.....	4.00
1 Trepanning Elevator and Raspatory.....	1.50
1 Tenotome	1.25
1 Curved Bistourie, sharp-pointed,.....	1.25
1 Curved Bistourie, probe-pointed	1.25
1 Steel Director.....	0.60

FIG. 79. Curved Rongeur or Bone-gnawing Forceps.

FIG. 80.
Straight Rongeur.

FIG. 81. VAN BUREN'S Trepanning and Sequestrum Forceps.



FIG. 82. Curved Sequestrum Forceps.



FIG. 83. Lead Mallet.



FIG. 84. Gouge.



FIG. 85. Curved Hand Gouge.



FIG. 86. Chisel.



2 Silver Probes	\$0.75
1 Pair Polypus Forceps	2.00
1 Pair Scissors, straight	1.25
1 Pair Scissors, angular curve	1.50
2 Mott's Retractors	1.50
1 Finger Knife	1.25
3 Scalpels, @ \$1.25	3.75
1 Double Hook	1.75
1 Hey's Saw	1.75
1 Trocar and Canula	2.00
1 Rosewood Case, lined with oil-dyed velvet	16.00
	<u>Amount \$72.60</u>

SEYMOUR'S GENERAL OPERATING SET.

1 Pair Tiemann & Co.'s Bullet Forceps	\$2.25
1 Pair Polypus Forceps	2.25
1 Trepanning Elevator and Raspatory	1.50
1 Exploring Trocar	1.50
1 Pair Artery Forceps, plain	0.75
1 Steel Director	0.60
1 Metacarpal Saw	1.50
1 Bow Saw, 2 blades	8.00
1 Hey's Saw	1.75
1 Trepanning Brush	0.25
2 Blackman's Retractors	3.00
1 Double Trachea Tube, silver	6.00
3 Skains Silk, Iron Wire	0.50
6 Double Bougies, s. s , Nos. 1 to 12, nickel-plated	7.50
3 Silver Catheters, Nos. 3, 6, 9	6.00
3 Gum Elastic Catheters, best English, @ 50 ets.	1.50
1 Lithotomy Staff	2.00
1 Pair Harelip Scissors, straight, heavy	1.50
1 Pair Scissors, curved on the flat	1.50
1 Set Mott's Artery Needles	2.75
4 Serrefines, @ 25 ets.	1.00
2 Coils Silver Wire, Plastic Pins	1.00
1 Liston's Knife, long	}
1 Long Catling	
1 Screw Handle, for both	
1 Liston's Knife, medium	3.50
1 Catling, narrow	3.00
1 Finger Knife, long, narrow	2.00
1 Cartilage Knife, heavy, ebony handle	1.75
1 Tenaeculum	1.25
1 Pair Artery Forceps	2.00
1 Pair Artery Forceps, self-closing, bull dog	1.50
1 Chain Saw, best	10.00

FIG. 87. DR. S. FLEET SPEIR'S Artery Constrictor, designed for the instantaneous Hermetic Closure of Arteries.

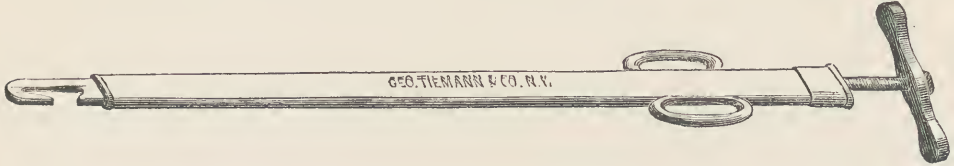
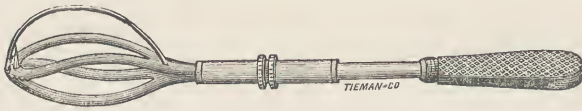


FIG. 88. Tenaculum Forceps, by D. PRINCE, M.D., of Jacksonville, Ills.



Acts the part of tenaculum and forceps combined, and the blades are made wide enough to stop the bleeding. When the noose of the ligature is over the largest swell of the blades of the instrument, it is only necessary to draw upon it, and it slides to its position, without any possibility of catching upon the point.

FIGS. 89, 90, 91. STEARN'S Artery Claws and Forceps.

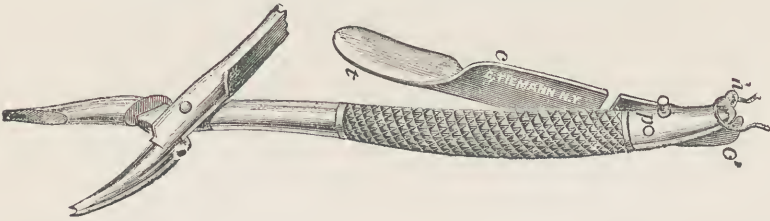


FIG. 90.

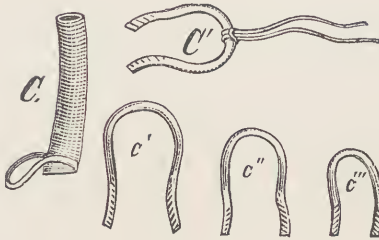
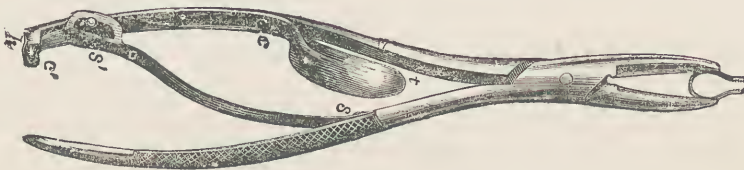


FIG. 91



2 Silver Probes	\$0.75
1 Bullet Probe, lead	0.50
1 Bullet Probe, whalebone	0.50
1 Nelaton's Bullet Probe	0.60
3 Scalpels, assorted @ \$1.25	3.75
1 Curved Bistourie, sharp-pointed	1.25
1 Curved Bistourie, probe-pointed	1.25
1 Hernia Knife	1.25
1 Spud and Gouge, for removing foreign bodies from the eye	2.50
1 Pair Gullet Forceps	2.50
1 Galt's Trephine }	8.00
1 Bone Trephine }	
1 Trephine Handle }	
1 Trocar and Canula, straight	2.00
1 Rectum Trocar and Canula	3.00
1 Lead Mallet	2.50
1 Chisel	1.00
1 Gouge	1.50
1 Set Brainard's Bone Drills	3.50
2 Ear Specula, porcelain, @ 50 ets.	1.00
1 Pair Liston's Bone Forceps, with spring, extra large	5.00
1 Pair Sequestrum Forceps, with spring	2.50
1 Rongeur, with spring	3.50
1 Pair Satterlee's Bone Forceps, small	2.50
1 Tourniquet	2.00
1 Horn Jaw Screw	1.25
1 Rosewood Case, lined with oil-dyed velvet	28.00
1 Patent leather Cover, water-proof	5.00

Amount \$176.70

U. S. A. CAPITAL OPERATING SET.

1 Amputating Knife, long	\$4.50
1 Amputating Knife, medium	3.50
1 Catling, long	4.50
1 Catling, small	2.00
1 Cartilage Knife, heavy, ebony handle	1.75
1 Bow Saw, two blades	8.00
1 Metacarpal Saw	1.50
1 Chain Saw, best	10.00
1 Hey's Saw	1.75
1 Galt's Trephine }	8.00
1 Crown Trephine }	
1 Trephine Handle }	
1 Pair Liston's Bone Forceps, with spring	4.50
1 Pair Liston's Bone Forceps, slightly curved	4.50
1 Pair Gouge Forceps or Rongeur	3.50
1 Pair Sequestrum Forceps	2.50

F. A. Stohlmann.

Edward Pfarre.

FIG. 92. CARROL'S Knot Tyer.

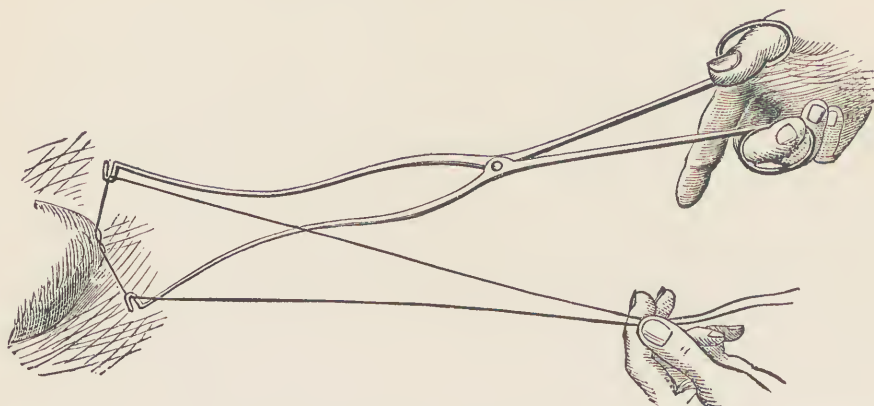


FIG. 93. MOTT'S Set of Aneurism Needles.



FIG. 94. Plain Aneurism Needle.



FIG. 95. Helical Needle for Ruptured Perineum.



FIG. 96. Ruptured Perineum Needle.



F 97. TIEMANN & Co.'s Hollow Needle for Wire Sutures.



1 Pair Artery Forceps, plain	\$0.75
1 Set Mott's Aneurism Needles	2.75
12 Surgeon's Needles	1.00
1 Tourniquet	2.00
1 Tenaculum	0.75
1 Pair Scissors, straight, heavy	1.50
1 Chisel and 1 Gouge	2.50
1 Lead Mallet	2.50
1 Set Brainard's Bone Drills	3.50
1 Pair Mott's Retractors	1.50
1 Elevator and Raspatory	1.50
1 Brush, 12 yards Iron Wire, Silk, Plastic Pins	0.75
1 Mahogany Case, lined with oil-dyed velvet or chamois	16.50
1 Leather Pouch	4.50
	<hr/>
	<u>\$102.50</u>

U. S. A. STAFF SURGEONS' CAPITAL OPERATING SET.

1 Amputating Knife, long	\$4.50
1 Amputating Knife, medium	3.50
1 Catling, long	4.50
1 Catling, small	2.50
1 Cartilage Knife, heavy, ebony handle	1.75
1 Straight Bistourie	1.50
3 Scalpels, @ \$1.50	4.50
1 Bow Saw, two blades	8.00
1 Chain Saw, best	10.00
1 Metacarpal Saw, lifting back	3.50
1 Hey's Saw	1.75
2 Trephines and Handle	8.00
1 Razor	1.50
1 Raspatory, ebony handle	1.50
1 Elevator, strong	1.50
1 Brush	0.50
1 Pair Liston's Bone Forceps, 9 inches long	5.00
1 Rongeur, curved, with spring	3.50
1 Rongeur, straight, with spring	3.50
1 Pair Sequestrum Forceps	3.00
1 Pair Lithotomy Forceps	2.50
1 Pair Liston's Artery Forceps, slide-catch	3.00
1 Set Mott's Artery Needles	2.75
12 Surgeons' and six Wire Needles	1.35
1 Tourniquet	2.00
1 Tenaculum	1.25
1 Pair Scissors	1.25
1 Chisel and one Gouge, ebony handles, @ \$2	4.00
1 Trocar and Canula, straight	2.00
1 Set Brainard's Bone Drills	3.50

FIG. 93. ALEXANDER J. C. SKENE'S Ruptured Perineum Needle.



FIG. 99. NOTT'S Artery Clamp Forceps.

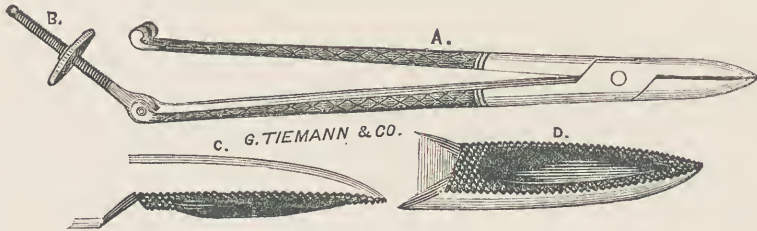


FIG. 100. Sharp-pointed Aneurism Needle.

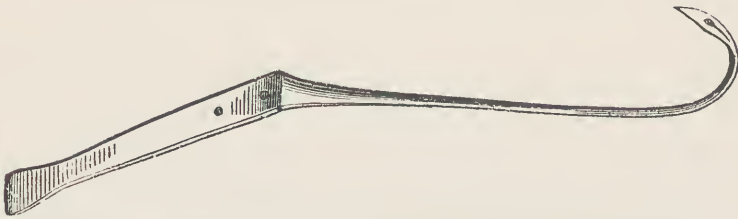


FIG. 101. HAMILTON'S spring-catch Artery Forceps, fenestrated.



FIG. 102. DR. ANDREW MILNE'S Artery Compression Forceps.

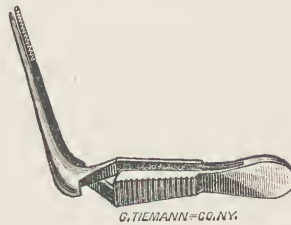


FIG. 103. Spring-catch fenestrated Artery Forceps.



1 Pair Mott's Retractors	\$1.50
12 Yards Silver Wire, @ 50 cts.....	6.00
1 Mahogany Case, lined with red chamois	25.00
1 Leather Pouch, heavy.....	7.00
	<u>Amount \$137.10</u>

BONE EXSECTING SET.

1 Chain Saw, best	\$10.00
2 Chisels, different sizes, @ \$1.....	2.00
2 Gouges, different sizes, @ \$1.50.....	3.00
1 Curved Rongeur or Gouge Forceps, with spring.....	3.50
1 Pair Listons' Bone Forceps, large.....	4.50
1 Set Brainards' Bone Drills.....	3.50
1 Bone Trephine and Handle.....	4.00
1 Elevator and Raspatory.....	1.50
1 Pair Sequestrum Forceps.....	2.50
1 Pair Mott's Retractors	1.50
3 Coils Silver Wire	1.50
6 Wire Needles, Silk, Iron Wire.....	0.60
1 Pair Bone Forceps, angular	5.00
1 Pair Ferguson's Lion-Jaw Bone-holding Forceps	3.00
1 Lead Mallet	2.50
1 Metacarpal and Interosseous Saw, narrow.....	1.50
1 Pope's Antrum Drill	3.50
1 Mahogany Case, lined with oil-dyed velvet	12.00
	<u>Amount \$65.60</u>

PARKER'S COMPACT OPERATING SET.

1 Long Amputating Knife	}	\$10.50
1 Medium Amputating Knife			
1 Small Amputating Knife			
1 Screw-Handle, to fit the above			
1 Finger Knife.....			2.00
1 Curved probe-pointed Bistourie			1.25
2 Scalpels, @ \$1.25			2.50
1 Aneurism Needle.....			1.25
1 Tenaeculum.....			1.25
1 Galt's Trephine and Handle			4.00
1 Field Tourniquet.....			1 00
1 Metacarpal Saw			1.50
1 Tiemann & Co.'s Bullet Forceps.....			2.25
1 Trepanning Elevator and Raspatory			1.50
1 Pair Dressing Forceps.....			1.50
1 Pair straight Scissors.....			1.25

FIG. 104. PETIT'S Spiral Tourniquet.

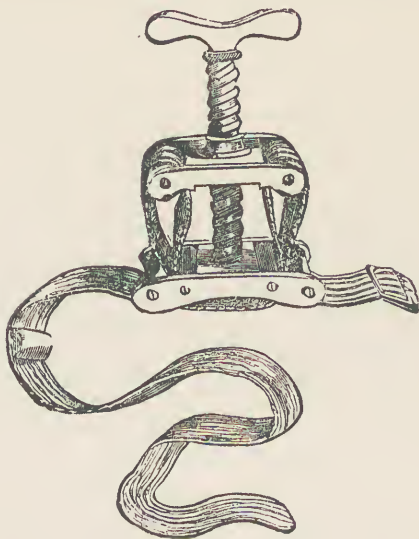


FIG. 105.
Prussian- U. S. A.
Field Tourniquets.

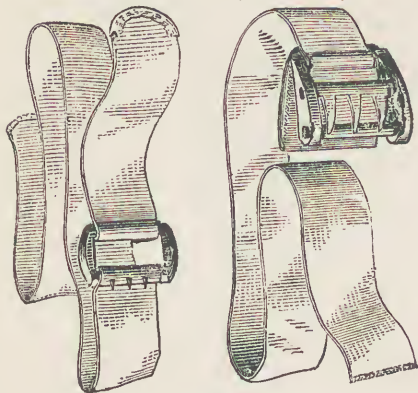
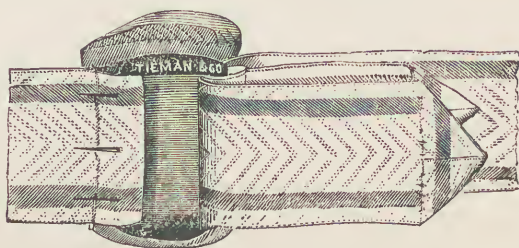


FIG. 106.
VALENTINE MOTT'S Tourniquet.



FIG. 107. Field Tourniquet.



F. A. Stohlmann.

Edward Pfarre.

1 Pair spring-catch Artery Forceps	\$1.50
1 Hey's Saw	1.75
1 Pair Liston's Bone Forceps	3.00
1 Capital Saw.....	5.00
1 Steel Director	0.60
2 Silver Probes	0.75
12 Needles, Silk, Wax and Plastic Pins	1.00
1 Whalebone Bullet Probe.....	0.50
1 Rosewood Case, lined with oil-dyed velvet	16.00
	<u>Amount \$61.85</u>

No. 1. MINOR OPERATING SET.

1 Straight Finger Knife.....	\$1.00
1 Curved probe-pointed Bistourie	1.00
1 Curved sharp-pointed Bistourie	1.00
1 Cooper's Hernia Knife.....	1.00
3 Scalpels, assorted, @ 75 cts.	2.25
1 Tenotome	1.00
1 Aneurism Needle.....	0.70
1 Tenaeculum	0.75
6 Needles, Silk, Iron Wire and Plastic Pins	0.75
1 Pair straight Scissors	1.25
1 Pair Dressing Forceps.....	1.50
1 Pair plain Artery Forceps	0.75
1 Steel Director	0.60
1 Rosewood Case, lined with oil-dyed velvet	4.50
	<u>Amount \$18.05</u>

No. 2. MINOR OPERATING SET.

1 Straight Finger Knife	\$1.00
1 Curved probe-pointed Bistourie.....	1.00
1 Curved sharp-pointed Bistourie	1.00
1 Cooper's Hernia Knife	1.00
3 Scalpels, assorted, @ 75 cts.	2.25
1 Tenotome.....	1.00
1 Aneurism Needle.....	0.70
1 Tenaeculum	0.75
6 Needles, Silk, Iron Wire and Plastic Pins.....	0.75
1 Pair straight Scissors.....	1.25
1 Pair Dressing Forceps	1.50
1 Pair plain Artery Forceps	0.75
1 Steel Director..	0.60

FIG. 108. Post's Chain Saw and Ligature Carrier.



FIG. 109. Full Curve Suture Needles.

a b c d e f g

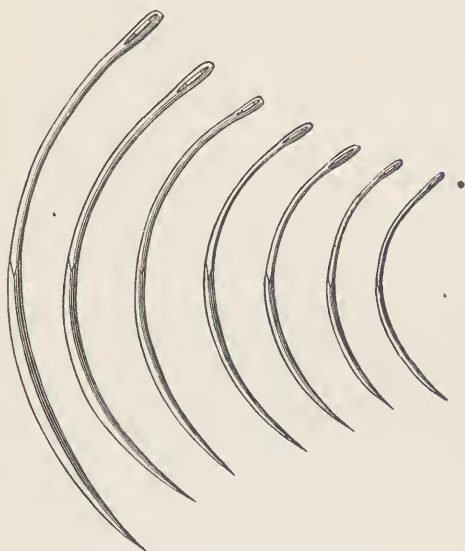


FIG. 110. Half Curve Suture Needles.

a b c d e f g



FIG. 111. Wire Suture Needles.

a b c d e f g

**Price of Needles.**

Full Curve, any size.....@	\$0.10
Half Curve, any size	@ 0.10
Straight flat Needles.....@	0.10
Wire Suture Needle, triangular.....@	0.05

Fine Suture Needles for operations on the Eyes and

Lids, straight or curved.....@	0.15
Sim's Needles for Vesico-Vaginal Fistula	@ 0.15
Bozeman's Needles for Vesico-Vaginal Fistula....@	0.40
Emmett's Needles for Vesico-Vaginal Fistula....@	0.15
Stohlmann's Wire Needle	@ 0.50
Greenville Dowell's Needle for Hernia	@ 0.75

F. A. Stohlmann.

Edward Pfarre.

1 Compound Catheter, male and female, plated	\$2.00
1 Pair Spring-catch Artery Forceps, fenestrated	2.00
2 Silver Probes	0.75
1 Hard-rubber Caustic Holder ..	1.00
1 Rosewood Case, lined with oil-dyed velvet	5.75
	<u>Amount \$25.05</u>

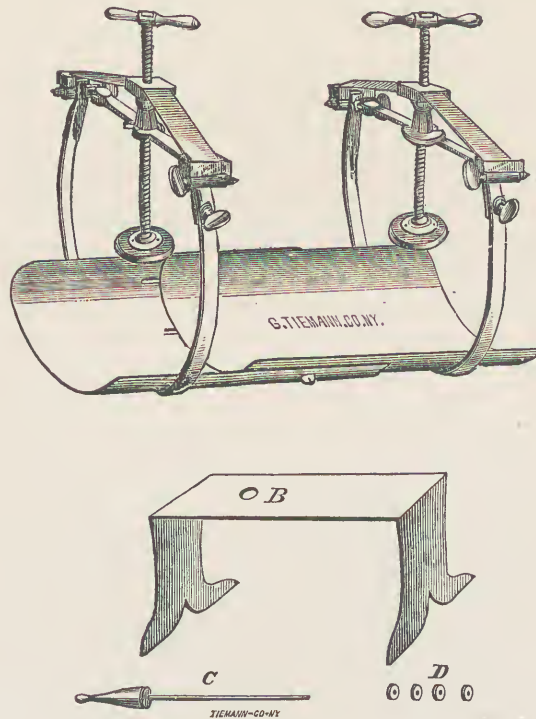
No. 3. ENOS' MINOR OPERATING SET.

1 Double Hook .	\$1.75
1 Curved sharp-pointed Bistourie.....	1 25
1 Curved probe-pointed Bistourie	1.25
1 Cooper's Hernia Knife	1.25
4 Scalpels, assorted, @ \$1.25	5.00
1 Pair small Polypus Forceps	1.50
1 Tenotome.....	1.25
1 Tenaculum	1.25
1 Aneurism Needle.....	1.25
1 Narrow Metacarpal Saw.....	1.50
1 Pair plain Artery Forceps	0.75
1 Small Trocar	2.00
1 Pair angular-curved Scissors.....	1.50
1 Pair slide-catch Artery Forceps	2.50
6 Needles, Silk, Iron and Silver Wire...	1.25
1 Steel Director	0.60
2 Silver Probes.....	0.75
1 Rosewood Case, lined with oil-dyed velvet.....	6.50
	<u>Amount \$33.10</u>

No. 4. EVES' MINOR OPERATING SET.

1 Double Hook.....	\$2.00
1 Curved sharp-pointed Bistourie	1.25
1 Curved probe-pointed Bistourie	1.25
1 Cooper's Hernia Knife	1.25
4 Scalpels, assorted, @ \$1.25	5.00
1 Tenotome	1.25
1 Tenaculum.....	1.25
1 Aneurism Needle	1.25
1 Narrow Metacarpal Saw	1.50
1 Pair plain Artery Forceps	0.75
1 Small Trocar	2.00
1 Pair angular Scissors	1.50
1 Pair Polypus Forceps.....	2.00

FIG. 112. BRIDDON'S Artery Compressor.



The action of this instrument, made *elastic*, by running the screws through tense india rubber bands, can be tolerated for a long time, without producing any annoying complications.

Pressure can be made, either at *two* points, the distance between which may be varied according to circumstances, or the instrument may be taken apart and a *single* compressor used as a tourniquet. A *smaller* instrument can be made for the upper extremity, a *larger* one adapted for compression of the abdominal aorta.

The hard rubber compressors are attached to the Screws by ball and socket-joints and fitted into concavo-convex caps of hard wood protected by several layers of buckskin. These additional pads are put on just before screwing down, and should be well powdered each time they are applied.

For compression at the groin, a truncated cone of lead, (see Fig. C) is required. This weighs 7 pounds, and tapers, so as to leave a neck two inches long, which terminates in a bulb, an inch and a quarter in diameter, covered with buck-skin. Into the base of this cone an iron stem of ten inches length, and a quarter of an inch thickness is secured. To control the circulation it requires also four or five perforated discs (see Fig. D), of one pound each, to string over the stem C, which is maintained in position by a cradle, (see Fig B).

1 Pair slide-catch Tortion Forceps	\$2.50
6 Needles, Silk and Silver Wire	1 25
1 Steel Director	0.60
2 Silver Probes	0.75
1 Rosewood Case, lined with oil-dyed velvet ...	6.50
	<u>Amount \$33.85</u>

COMPACT MINOR OPERATING SET.

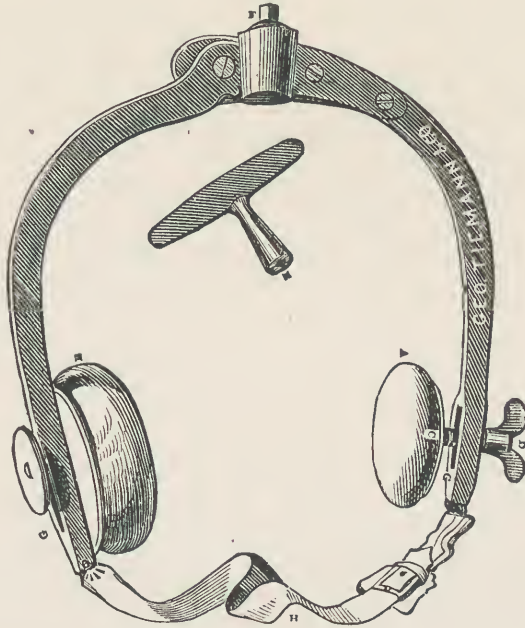
With Tiemann & Co.'s Patent Catch Instruments.

1 Metacarpal Saw	\$1.20
1 Straight Bistourie	1.20
1 Curved probe-pointed Bistourie	1.20
1 Curved sharp-pointed Bistourie	1.20
2 Scalpels, @ \$1.20	2.40
1 Tenotome	1.20
1 Tenaculum	1.20
1 Post's Exploring and Director Needle	1.20
2 Handles, @ \$1.60	3.20
1 Compound male and female Catheter and Caustic Holder, made seamless, of sterling silver	5.00
1 Pair slide-catch Artery Forceps	2.50
1 Pair straight Scissors	1.25
1 Steel Director	0.60
2 Silver Probes	0.75
6 Needles, Silk, Wax and Plastic Pins	0.75
1 Morocco covered Case, lined with oil-dyed velvet	2.75
	<u>Amount \$27.60</u>

HOSPITAL MINOR OPERATING SET.

2 Finger Knives, @ \$1	\$2.00
2 Straight probe-pointed Bistouries, @ \$1	2.00
1 Straight Hernia Knife	1.00
2 Curved sharp-pointed Bistouries, @ \$1	2.00
2 Curved probe-pointed Bistouries, @ \$1	2.00
1 Curved Hernia Knife	1.00
1 Abscess Knife	1.00
1 Short straight Bistourie	1.00
4 Tenotomes, various shapes, @ \$1	4.00
1 Tenaculum	1.00
1 Pair Nichol's Needle Forceps	1.75
1 Pair Parker's Retractors	1.50

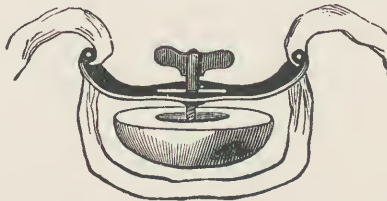
FIG. 113. Compressor or Tourniquet, for the Treatment of Aneurism.
By JOHN FREDERICK MAY, M.D.



The following description will explain the instrument :

- A. Pad of pressure.
- B. Pad of counter-pressure.
- C. A ball-and-socket joint in the pad of pressure, which is governed by the screw and nut, D.
- E. Detached key, by which (when fitted on at F) the pads can be separated or approached.
- G. Fenestræ, by which the pads can be moved to or from the articulation (F) of the instrument.
- H. Strap with buckle.

FIG. 114. TIEMANN & Co.'s Improved Direct Pressure Tourniquet.



Will not easily turn over, and, as the parts on both sides of the pad are free from pressure it will not hem the circulation of the venous blood. The instrument may also be used to advantage in curing aneurism by compression.

18 Assorted Needles, Silk, Silver Wire and Plastic Pins	\$2.50
12 Yards annealed Iron Wire	0.10
3 Serrefines, @ 25 cts.	0.75
1 Straight and 1 curved Tonsil Knife, @ \$1.50	3.00
7 Scalpels, assorted sizes and shapes, @ \$1.	7.00
1 Green's Double Hook, plain	1.50
1 Pair spring-catch fenestrated Artery Forceps	2.00
1 Pair Coxeter's plain Artery Forceps, small	1.00
1 Pair Strabismus Forceps	1.25
1 Pair Tiemann & Co.'s Bullet Forceps	2.25
1 Whalebone Bullet Probe	0.50
1 Nelaton's Bullet Probe	0.60
1 Pair Polypus Forceps	2.00
1 Pair Vulcellum Forceps	2.25
1 Pair straight heavy Scissors	1.50
1 Pair Scissors, curved on the flat	1.50
1 Pair Scissors, angular curve	1.50
1 Trocar and Canula	2.00
1 German silver Ear Speculum	2.50
1 Belocq's Sound, for epistaxis, sterling silver	3.00
1 Steel Director	0.60
1 Rosewood Case, brass-bound and lined with oil-dyed velvet	15.00

Amount \$74.55

U. S. A. STAFF SURGEON'S MINOR OPERATING SET.

Regulation Style of October, 1867.

1 Amputating Knife	\$2.50
1 Long Finger Knife	2.00
1 Hernia Knife	1.75
1 Straight sharp-pointed Bistourie	1.75
1 Curved sharp-pointed Bistourie	1.75
1 Curved probe-pointed Bistourie	1.75
2 Scalpels, large and small, @ \$1.75	3.50
1 Pair slide-catch Artery Forceps	3.00
1 Pair Tiemann & Co.'s Bullet Forceps	2.25
1 Pair Dressing Forceps	1.50
1 Pair Coxeter's Dissecting Forceps, small	1.00
1 Pair Esophageal Forceps, French-joint	2.50
1 Set Mott's Aneurism Needles	2.75
12 Surgeon's and 6 Wire Suture Needles	1.50
1 Pair straight Scissors, French-joint	1.50
1 Pair angular Scissors, French-joint	1.50
1 Pair Scissors, curved on the flat, French-joint	1.50
1 Tenaculum	1.50
1 Rectum Trocar and Canula	3.00
2 Double Trachea Tubes, sterling silver, @ \$6	12.00

F. A. Stohlmann.

Edward Pfarre.

FIG. 115. U. S. A. Bullet Foreeps.



FIG. 116. TIEMANN & Co.'s Bullet Scoop.



FIG. 117. Bullet Seeker, burr head.



FIG. 118. MOSE'S Bullet Extractor.



FIG. 119. TIEMANN & Co.'s Bullet Screw.



FIG. 120. NELATON'S Bullet Probe, porcelain head.



FIG. 121. TIEMANN & Co.'s Bullet Seeker, flexible.



FIG. 122. DR. L. A. SAYRE'S Vertebrated Bullet Probe.



F. A. Stohlmann.

Edward Pfarre.

1 Belocq's Canula for Epistaxis, sterling silver	\$3.00
1 Nelaton's Bullet Probe	0.60
1 Director and Porte Mèche	0.60
1 Pair flat and cutting Pliers	2.50
1 Wire Ecraseur with two points	6.50
2 Grooved Staffs, @ \$2.	4.00
1 Syme's Staffs	2.00
1 Plain Sound	1.25
6 Silver-plated, double-curved Bougies,	9.00
3 Silver Catheters	4.50
3 Gum Elastic Catheters, English, @ 40 cts.	2.40
1 Prostate Gland Catheter, sterling silver	4.00
24 Suture Pins	0.50
6 Serrefines @ 25 cts.	1.50
6 Yards Silver Sutures	3.00
1 Oesophageal Probang, silver Crochet	3.00
1 Tonsilotome	14.00
1 Pair Troussesaux Tracheal Forceps	2.00
1 Mahogany Case, brass-bound	25.00
1 Leather Pouch	7.00
Amount \$136.35	

No. 1. TWO-FOLD POCKET SET.

Two-fold Morocco Case, single-bladed Instruments with Tortoise-shell Handles, containing:
 One Scalpel, one probe-pointed Bistourie, one Tenaculum, one pair of straight Scissors, one pair of Artery Forceps, one Spatula, one Compound (male and female) Catheter, one Director, one pair of silver Probes, six Needles and Silk \$10.00

No. 2. TWO-FOLD POCKET SET.

Two-fold Morocco Case, single-bladed Instruments with Tortoise-shell Handles, containing:
 One Scalpel, one probe-pointed Bistourie, one Tenaculum, one pair of straight Scissors, one pair of Artery Forceps, one pair of Dressing Forceps, one hard rubber and silver Caustic Case, one Compound Male and Female Catheter, one Director, one pair of silver Probes, six Needles and Silk \$12.00

No. 3. THREE-FOLD POCKET SET.

Three-fold Morocco Case, single-bladed Instruments with Tortoise-shell Handles. Contents:
 One Scalpel, one probe-pointed Bistourie, one Tenaculum, one pair of straight Scissors, one pair of Artery Forceps, one pair of Dressing Forceps, one hard rubber and silver Caustic Case, one Spatula, one sharp-pointed Bistourie, one Gum Lancet, one Compound Male and Female Catheter, one Director, one pair of silver Probes, six Needles and Silk. \$15.00

No. 4. FOUR-FOLD POCKET CASE

Leather Case. Contents: One Male and Female Catheter, one Tenaculum, one hard-rubber Caustic Case, two silver Probes, one Exploring Needle, one Director and Aneurism Needle,

F. A. Stohlmann.

Edward Pfarre.

FIG. 123. GEO. TIEMANN & Co.'s American Bullet Forceps.

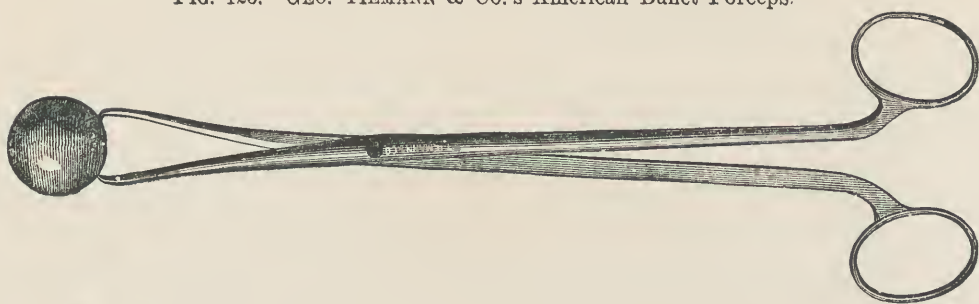


FIG. 124. HAMILTON'S Bullet and Sequestrum Forceps.



FIG. 125. Long silver Bullet Probes.

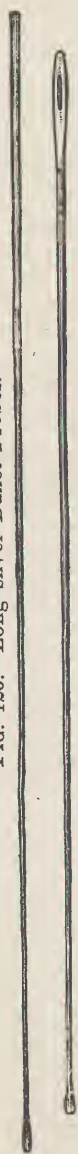


FIG. 126. HAMILTON'S Director Probes. Nelaton Joint.



FIG. 127. TIEMANN & Co.'s Bullet Probe with Eye for introducing lint into wounds.



FIG. 128. THOMASTON'S Bullet Forceps.



F. A. Stohlmann.

Edward Pfarre.

one probe-pointed Bistourie, one pair Dressing Polypus Forceps, one Scalpel, one sharp-pointed Bistourie, one pair of straight Scissors, one pair of curved Scissors, one Thumb Lancet, one Spatula, one pair of Dissecting Forceps, one straight Finger Bistourie, one Seton Needle, six Needles and Ligature Silk. The Instruments have Tortoise-shell Handles and are single-bladed \$21.00

No. 5. HOSPITAL POCKET SET.

Threefold Russia-leather or Morocco Case, single-bladed Instruments with Tortoise-shell Handles, containing: One sharp-pointed Bistourie, one probe-pointed Bistourie, one Scalpel, one Tenaculum, one Abscess Lancet, one Compound Catheter, one pair of straight Scissors, one pair of angular Scissors, one pair of Dressing Polypus Forceps, one pair of plain Artery Forceps, one Spatula, one steel Director, two silver Probes, six Needles and Ligature-Silk \$18.00

No. 6. PARKER'S POCKET SET.

Twofold Morocco Case, plain double-bladed Instruments with Tortoise-shell Handles, containing: One Scalpel and probe-pointed Bistourie, one Tenotome and sharp-pointed Bistourie, one Tenaculum and Gum Lancet, one pair of Dressing Forceps, one pair of Artery Forceps, one pair of Scissors, one Lancet, two silver Probes, one steel Spatula, one steel Director, one plated Compound Catheter and Caustic-Holder, six Needles and Silk \$18.00

No. 7. PARKER'S FINE POCKET SET.

Contents the same as in No. 6. Tortoise-shell Handle Instruments, either slide or spring-catch, extra fine finished, the Compound Catheter (male and female) is made of sterling silver, the Caustic-Holder *seamless*, will last much longer than a soldered one. The Case is made of genuine Turkey morocco, with a silver lock, very neat and compact \$25.00

No. 8. MULTUM IN PARVO POCKET SET.

Turkey morocco Case, silk-velvet lining, silver lock. Instruments Tortoise-shell Handles with spring or slide-catch, double-bladed, containing: One Scalpel and probe-pointed Bistourie, one sharp-pointed Bistourie and Tenotome, one Gum Lancet and Tenaculum, one pair of straight Scissors, one pair of fenestrated spring-catch Artery Forceps, one Female Catheter and Caustic-Case made of sterling silver, one steel Director, two silver Probes, six Needles and Silk \$19.00

No. 9. GUNN'S POCKET SET.

Turkey morocco Case, silk-velvet lining, silver lock. Instruments double-bladed, Tortoise-shell Handles with slide or spring-catch. Contents: One Scalpel and Exploring Needle, one sharp-pointed Bistourie and Tenotome, one probe-pointed Bistourie and one Scalpel, one Seton Needle, one Tenaculum, one pair of Scissors, one screw Probe Director, one pair of Torsion Forceps with slide-catch and a long groove, answers also for holding Suture Needles, four Suture Needles, one sharp and two blunt Aneurism Needles, one skein Ligature-Silk. \$20.00

FIG. 129. Plain Artery Forceps.

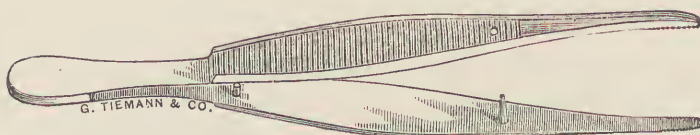


FIG. 130. COXETER'S Artery Forceps.

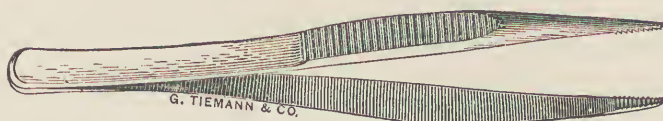


FIG. 131. Spring-catch Artery Forceps. Bull Dog or Plain Teeth.

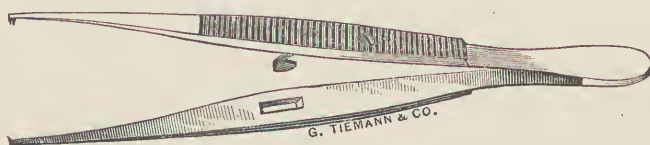


FIG. 132. Slide-catch Artery or Tortion Forceps.



FIG. 133. Spatula and Elevator.



FIG. 134. Hernia Director.

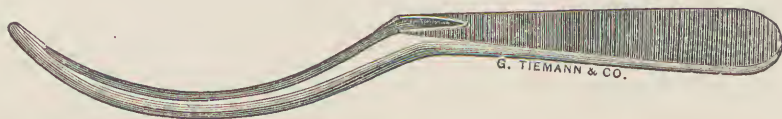


FIG. 135. Exploring Director Lancet Point.



No. 10. VAN BUREN'S POCKET SET.

Turkey morocco Case, silk-velvet lining, silver lock. Instruments double-bladed, Tortoise-shell Handles with slide or spring-catch. Contents: One sharp-pointed Bistourie and Tenotome, one Scalpel and one probe-pointed Bistourie, one Gum Laneet and Tenaeculum, one pair of straight Scissors, one pair of Bulldog Artery Forceps, one steel Director, two silver Probes, one silver Male and Female Catheter of sterling silver and Caustic Case sterling silver *seamless*, six Needles and Ligature-Silk. \$22.00

No. 11. GROSS' POCKET SET.

Russia-leather or morocco Case, German silver lock. Instruments double and single-bladed, Tortoise-shell Handles with slide or spring-catch. Contents: One pair mouse-teeth Artery Forceps, delicate, one Scalpel, one pair of Dressing Polypus Forceps, one probe-pointed Bistourie and Tenaeculum, one sharp-pointed Bistourie and Tenotome, one pair of straight Scissors, one Finger Bistourie, one Caustic-holder, plated, one pair Vuleellum Forceps, one Exploring Needle, one Gross' Ear Spoon, one steel Director, six Needles and Ligature-Silk, two silver Probes, one Male and Female Catheter. \$22.00

No. 12. GROSS' FINE POCKET SET.

Two-fold Turkey morocco Case, lined with silk velvet, silver lock. Contents the same as in No. 11. The Caustic Case is made of sterling silver, *seamless*, lasting much longer than a soldered one. The Male and Female Catheter are of sterling silver and the whole of extra fine finish and quality \$26.00

No. 13. U. S. A. POCKET SET.

Russia leather Case with German silver lock. Instruments all single-bladed, Tortoise-shell Handles with spring or slide-catch and plain. Contents: One Scalpel, one straight Finger Knife, one curved probe-pointed Bistourie, one curved sharp-pointed Bistourie, one Tenotome, one Gum Laneet, two Thumb Laneets, one small Razor, one pair Artery Forceps, one Aneurism Needle, one Exploring Needle, one Tenaeculum, one pair of Scissors, one steel Director, three silver Probes, one silver Caustic Case, one Compound Catheter, six yards Iron Wire, six Needles and Ligature Silk. \$28.00

No. 14. REED'S POCKET CASE.

Turkey morocco Case, silk-velvet lining, silver lock. Instruments double-bladed, Tortoise shell Handles, slide-catch. Contents: One Scalpel and probe-pointed Bistourie, one sharp-pointed Bistourie and Tenotome, one Gum Laneet and Tenaeculum, one pair of straight Scissors, one pair Bulldog Artery Forceps with spring-catch, one pair Dressing Polypus Forceps, one Spatula and Elevator, one steel Director, two silver Probes, one Metacarpal Saw, one Thumb Laneet, one Exploring Needle, one Compound Catheter and Caustic Case of sterling silver, six Needles and Ligature Silk. \$27.00

No. 15. HAMILTON'S POCKET SET.

Turkey morocco Case, lined with silk-velvet, silver lock. Instruments double-bladed, Tortoise-shell Handles with spring-catch. Contents: One large Scalpel and Exploring Needle,

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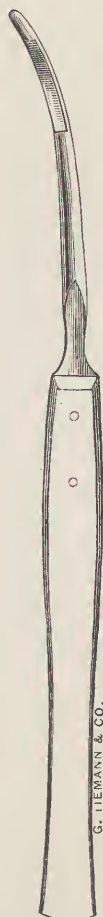
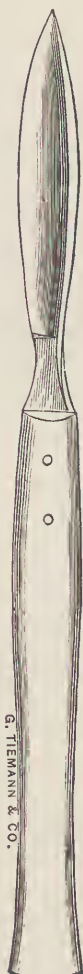
FIG. 133. Tenaculum. See also Figs. 12. 33.



FIG. 137. Small Scalpel.



FIG. 138. Medium Scalpel.

FIG. 139. Curved
Probe-pointed
Bistourie.FIG. 140.
Cooper's
Hernia Knife.FIG. 141.
Large Scalpel.FIG. 142.
Straight
Finger Knife.FIG. 143. Curved
sharp-pointed
Bistourie.

For Bistouries, Scalpels and Tenotomes see also p. 6.

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Edward Pfarre.

one medium and one small Scalpel, one Tenaculum and aneurism Needle, one sharp and one blunt-pointed Tenotome, one Metacarpal Saw, one pair of Bull-Dog Artery Forceps with spring-catch, one pair of side-catch Tortion Forceps, one pair of straight Scissors, one Thumb Lancet, one set of silver Probes and Nelaton's Bullet Probe, one Male and Female Catheter and Caustic Holder of sterling silver, six Needles and Ligature Silk \$32.00

The same without the Catheter and Caustic Case. \$27.00

No. 16. FINE FOUR-FOLD POCKET CASE.

The Contents of this Set are the same as in No. 4. But the Instruments are all of the very best quality and finish; Tortoise-shell Handles with spring or slide-catch. The Catheters and Probes are of sterling silver. This Set is put up in a very neat Turkey morocco Case with a silver lock \$36.00

No. 17 REGIMENTAL SURGEONS' POCKET SET.

Russia leather Case with strong German silver lock. Instruments plain, single-bladed, Tortoise-shell Handles. Contents: One Scalpel, one sharp-pointed Bistourie, one probe-pointed Bistourie, one Finger Bistourie, one Gum Lancet, one Thumb Lancet, one small Razor, one pair of Dressing Forceps, one Artery Needle, six Surgeon's Needles, one Exploring Needle, one Tenaculum, one pair of Scissors, one steel Director, three silver Probes, one silver gilt Caustic Holder, one Compound Catheter, three yards of Iron Wire for Sutures, one pair of plain Artery Forceps, one Tenotome, Ligature Silk and Wax \$23.00

No. 18. DUGAS' POCKET SET.

Turkey morocco Case lined with silk-velvet, silver lock, and chamois-leather pouch. Instruments have Tortoise-shell Handles with a very firm slide-catch, two strong blades in one handle. Contents: One jointed Porte Caustic for nitrate of silver and sulphate of copper and one Cataract Needle and one male and female Catheter made of sterling silver, one pair of Dissecting, Artery and Needle Forceps, one Thumb Lancet, one pair of delicate Artery Forceps, one Spatula and Elevator, one Belocq's Sound of sterling silver, one pair of curved Scissors, one Ear Spoon and Tumor Hook, one grooved Director of sterling silver, two Eye Probes, two Probes and Director Probe of sterling silver, one Porte Méche, one pair of Polypus and Shot Forceps, one Dupuytren's Probang with three silver joints and silver basket, one large and one small French Finger Knife, one large and one small straight Bistourie, one straight probe-pointed Bistourie and Tenotome, one Gum Lancet and Exploring Needle, one Tenaculum and Artery Needle, six curved and six straight Needles, Silver Wire and Silk Sutures. \$56.00

No. 19. DUGAS' DRESSING CASE.

One morocco Case lined with silk velvet, silver lock. Contents: One silver Caustic Case, one Dissecting Artery and Needle Forceps, one Thumb Lancet, one pair of straight Scissors, one grooved Director, one silver Probe with an eye, one silver grooved Probe, one large and one small straight Bistourie, one Tenaculum and Gum Lancet, six Needles and Suture Silk, \$18.00

No. 20. J. R. WOOD'S POCKET SET.

Morocco Case lined with silk velvet. Instruments double bladed, Tortoise-shell Handles with spring or slide catches. Contents: One Scalpel and Gum Lancet, one Scalpel and Teno-

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FIG. 145.
Tonsil Hook.

FIG. 146.
GREEN'S Tonsil
Bistourie.

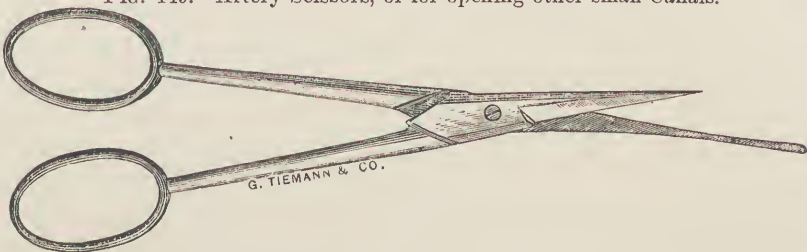
FIG. 147.
GEREN'S Double
Hook.

FIG. 148.
Double edged
Staphyloraphy
Knife.

FIG. 144.
Staphyloraphy Knife,
curved right or left



FIG. 149. Artery Scissors, or for opening other small Canals.



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tome, one sharp and one probe-pointed Bistourie, one Aneurism Needle and one Exploring Needle, one Compound Male and Female Catheter and Caustic case, one pair of straight Scissors, one Pair of Dressing Polypus Forceps, one pair of Hamilton's Artery Forceps, one pair of plain Artery Forceps, one grooved silver Probe and Nelaton's porcelain head in three parts united by screw, one Lancet, two plain silver Probes, one coil silver Suture Wire, six Needles and Ligature Silk..... \$27.50

No. 21. TIEMANN & CO.'S PATENT POCKET CASE.

PATENT CATCH INSTRUMENTS. See FIG. 185.

A very neat and compact Case of Turkey morocco, with silver lock. Contents: Two patent catch Handles, one Post's Exploring Needle, one Tenaculum, one Gum Lancet, one sharp-pointed Bistourie, one probe-pointed Bistourie, one Tenotomy Knife, one large Scalpel, one small Scalpel, one Finger Knife, one Metacarpal Saw, one Lancet, one pair of straight Scissors, one pair of Dressing Forceps, one pair of spring-catch fenestrated Artery Forceps, one Spatula, one grooved Director and Aneurism Needle, two silver Probes, one Compound Catheter of sterling silver, one Caustic Case of sterling silver made *seamless*, six Needles and Suture Silk, two coils of silver Suture Wire..... \$33.00

EXHIBITION POCKET SET, extra size.

Five-fold Turkey Morocco Case with one inner and one outside silver lock, containing: Our patent-catch Instruments, two large and two small Tortoise-shell patent catch Handles, one moveable back Saw and one Amputating Knife, both 5 inch blades, one Amputating Scalpel, two assorted Scalpels, one Tenotomy, one Gum Lancet, one blunt-pointed straight Bistourie, one curved probe-pointed Bistourie, one curved sharp-pointed Bistourie, one Post's Wire Needle, one Cataract Needle, one Cooper's Hernia Knife, one Tenaculum, one Exploring Lancet, one Aneurism Needle, one Belocq's Sound for epistaxis (silver), one silver Male and Female Catheter with Caustic Case, one Abscess Lancet, one Thumb Lancet, one Weir's Vaccinating Lancet, one Seton Needle, one pair of straight Scissors, one pair of angular Scissors, one fenestrated spring-catch Artery Forceps, one Tortion Forceps, one Prout's Needle Forceps with slide-catch, one pair of Polypus and Dressing Forceps, combined with Tiemann & Co.'s Bullet Extractor, Uterine and Oesophagus Forceps and Vulcellum Forceps, Ligature, Suture Needles, Plastic Pins, silver and Iron Wire, Serrefines, one pair of fine curved-up Scissors, one Thumb Forceps for extracting splinters, &c., one Exploring Trocar, one Trocar for hydrocele and ascites, one set of silver Probes with Nelaton's Bullet Probe, one Director, one Porte Mèche, one whalebone Probe, one Artery Constrictor, one Ear-Scoop and Hook to remove foreign bodies, one Spatula with Elevator..... \$100.00

TREPANNING SET.

CONTENTS: One Galt's Trepphine, one Crown Trepphine, one Trepphine Handle, one Trepanning Scalpel and Raspatory, one Trepanning Elevator, one Hey's Skull Saw, one Brush for cleaning Trepphines and Saw. in a Mahogany Case..... \$16.00

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Edward Pfarre.

FIG. 150. Angular Operating Scissors.

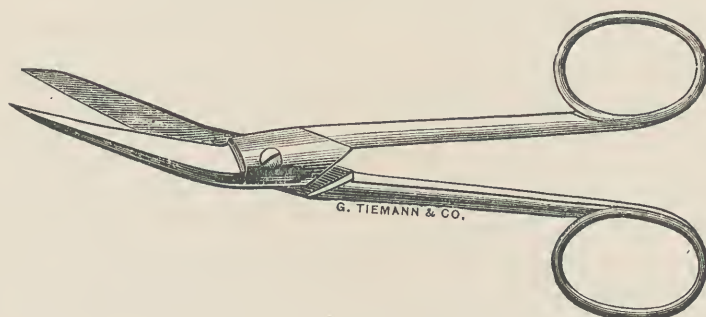


FIG. 151. Dissecting Scissors.

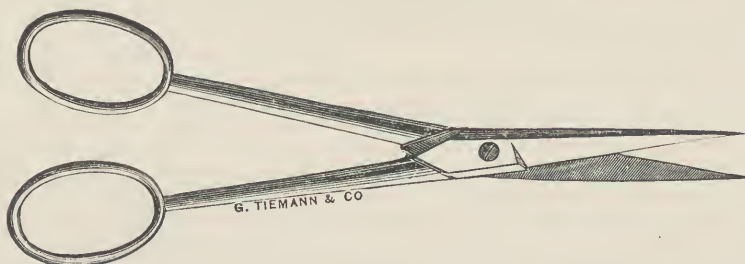


FIG. 152. Operating Scissors, curved on the flat.

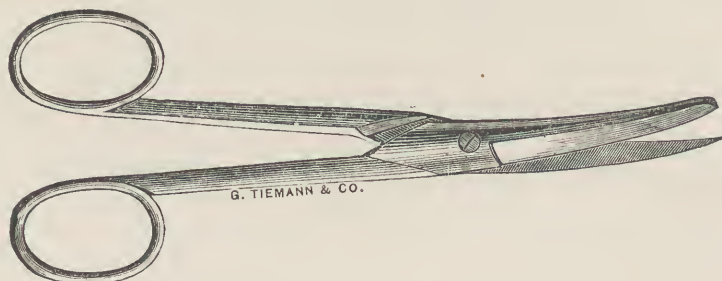


FIG. 153. Polypus Dressing Forceps, double crossing

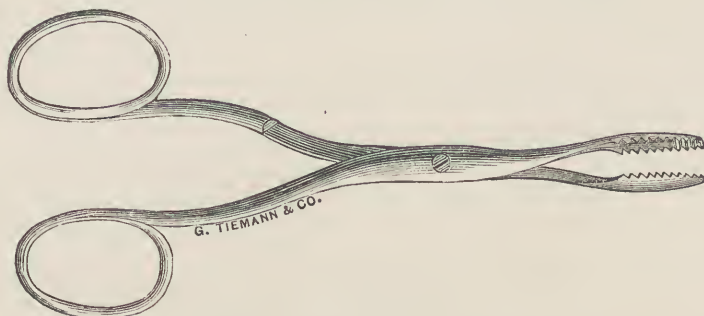


FIG. 154. Delicate Probe Director and Tongue Tie.



Specified Price List.

AMPUTATING, TREPANNING, AND BONE INSTRUMENTS.

Amputating Saws: Figs. 1, 2, 3, 9, 16, 51, 52, 53, 54, 55, 57, 58, 60, 65, 66, 67, 78.

Fig. 1.	Pfarre's Bow Saw with two Blades	\$8.56
" 2.	Pfarre's Amputating Saw	5.00
" 3.	Metacarpal Saw	1.50
	Amputating Saw with serrated Blade	5.50
	Parker's Amputating Saw	5.00
	Butcher's Bow Saw with two Blades	10.00

Amputating Knives: Figs. 4, 5, 6, 7, 8, 9, 10, 11.

Fig. 4.	Small Catling.....	\$2.00 to \$2.50	
" 5.	Liston's Knife for Leg and Arm	3.50	
" 6.	Wood's Circular Knife.....	4.00	
" 7.	Liston's Knife for Hip and Thigh	4.50	
" 8.	Liston's Knife with Parker's Handle	5.50	
	Mott's Knives according to size	\$2.50 to 5 00	
	Langenbeck's double edged Catlings	\$2.50 to 5 00	
	Lisfranc's Knives	\$2.50 to 5.00	
" 9.	Conant's Knives and Saw.....	12.00	
" 10.	Trepanning Scalpel with Raspatory	1.50	
" 11.	Amputating Scalpel, plain rivetted handle.....	1.00	
	Amputating Scalpel, feruled handle, chequered	1.50	
12.	Amputating Tenaculum, plain rivetted handle	0.75	
	Amputating Tenaculum, fine feruled Handle	1.25	
" 13.	Trepanning Elevator and Raspatory.....	1.50	
" 14.	Plain Trepanning Elevator.....	1.25	
	Hamilton's Levator.....	1.25	
	Trepanning Brush, to clean Trephines and Saws25 cts. to 0.50	
	Trephines, Figs: 46, 47, 48, 50, 72, 75.		
	Trephine Handle Fig. 49	1.50	
	" " plain Horn	0.75	
" 15.	Liston's Bull-Dog Forceps, spring-catch.....	1.50	
" 16.	Goodwillie's Oral Saw, for operations on the upper jaw	\$3.50 to 5.00	
" 17.	Operating Scalpels. {	with feruled Ebony Handle.....@ 1.25	
" 18.		" " Ivory "	@ 1.50
" 19.		" rivetted Ebony "	0.75
" 20.		" " Ivory "	1.00
		{ See also Figs. 137, 133, 141.	
" 21.	Double Hook, feruled Handle.....	2.50	
	See also Fig. 147.		

FIG. 155. PARKER'S Compound Catheter and Caustic Holder.

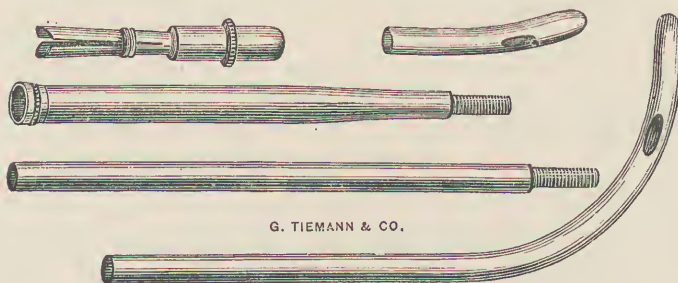


FIG. 156. Compound Catheter.

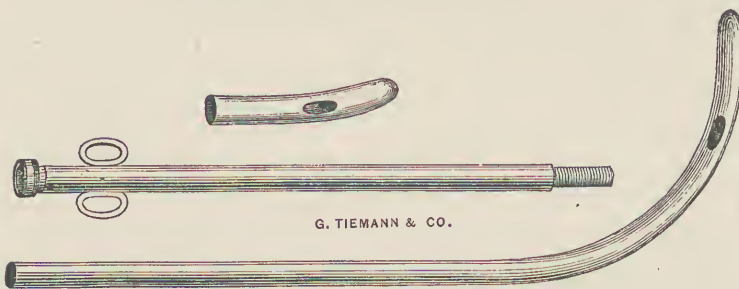


FIG. 157. Dressing Forceps.

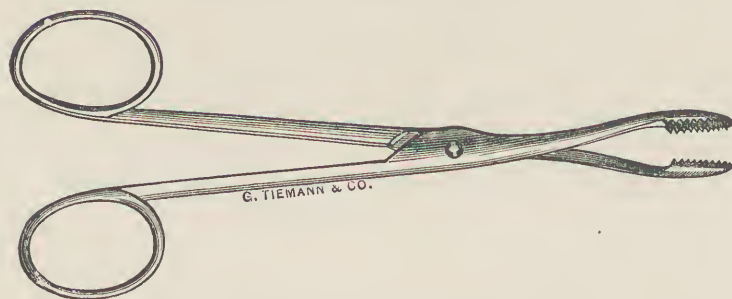


FIG. 158. Dressing Scissors.

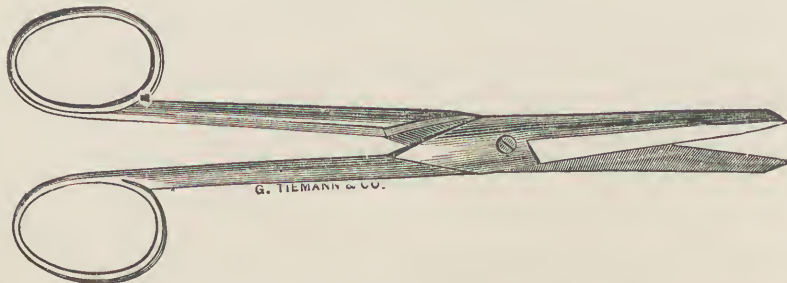


FIG. 159. Spatula. Made of Steel or Hard Rubber.



Fig. 22.	Tenotomes {	Sharp-pointed Tenotome, feruled Ebony Handle	\$1.25
" 23.		Blunt-pointed Tenotome, feruled Ebony Handle	1.25
" 24.		Convex-edged Tenotome, feruled Ebony Handle	1.25
" 25.		Concave-edged Tenotome, feruled Ebony Handle	1.25
Figs. 22, 23, 24, 25 with Ivory Handles.....@			1.50
See also Figs.			
" 26.	Cooper's Hernia Knife, feruled Ebony Handle		1.25
" 27.	Curved probe-pointed Bistourie, feruled Ebony Handle		1.25
" 28.	Curved sharp-pointed Bistourie, feruled Ebony Handle		1.25
" 29.	Straight blunt-pointed Bistourie, feruled Ebony Handle		1.25
" 30.	Straight Finger Knife or French Bistourie, feruled Ebony Handle		1.25
Figs. 26, 27, 28, 29, 30 with Ivory feruled Handle			@ 1.50
See also Figs. 139, 140, 142, 143.			

Bone Forceps: Figs. 31, 39, 40, 41, 42, 43, 68, 69, 77, 79, 80, 81, 82.

Fig. 31.	Satterlee's Bone Forceps	@ \$2.50 to \$3.00
" 32.	Aneurism Needle, feruled Ebony Handle.....	1.25
See also Figs. 93, 94, 95, 96, 98, 100, 108.		
" 33.	Tenaculum, feruled Ebony Handle	1.25
See Figs. 136, 145, 147.		

Bone Drills: Figs. 34, 35, 36, 50, 61.

Fig. 34.	Brainard's Bone Drills	\$3 50
" 35.	Hamilton's Bone Drills ..	7.00
" 36.	Howard's Bone Drills	7.00

Percosteotomes: Fig. 37, 38, 70, 71.

Fig. 37.	Sands' Percosteotome	\$2.50
" 38	Sayre's Percosteotome.....	2.00

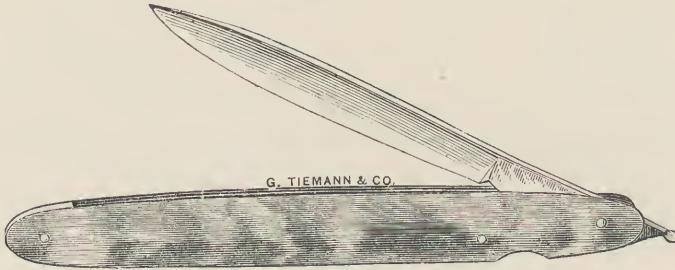
Bone-Holding Forceps: Figs. 39, 40, 77, 81, 82.

Fig. 39.	Ferguson's Lion-Jaw Bone holding Forceps.....	\$3.00
	Ferguson's Sequestrum Foreeps with Spring.....	2.50
	Van Buren's Trepanning and Sequestrum Foreeps, Fig. 81.....	\$2.50 to 3.00
	Markoe's curved Sequestrum Foreeps, Fig. 82.....	3.00
" 40.	Hamilton's Sequestrum Forecps.....	2.50
" 41.	Liston's Bone Forceps, straight edge, best.....	3.00
	Liston's Bone Foreeps, straight edge, German steel	2.50
	Liston's Bone Foreeps, extra sizes.....	\$4.00 to 7.00
" 42.	Liston's Bone Foreeps, curved on the flat.....	3.50
" 43.	Liston's Bone Forcens, angular curve.....	3.50

Trepanning Elevators: Figs. 13, 14, 33, 44, 45, 70, 71, 81.

Fig. 44.	Trepanning Elevator and Raspatory.....	\$1.50
" 45.	Trepanning Elevator, plain.....	1.25
" 46.	Galt's conical Trephine and Handle.....	4.50
" 47.	Crown Trephine and Handle.....	4.50
" 48.	Galt's small Trephine and Handle	4.50
" 49.	Tiemann & Co.'s Trephine Handle	1.50
	Trephine Handle, Horn, plain	0.75
" 50.	Pope's Antrum Drill	3.50
" 51.	Hey's Skull Saw, Ebony Handle	1.75

FIG. 160. Plain Shell Handle Pocket Instrument.
Single bladed.



viz: Curved Bistouries, sharp and probe-pointed Scalpels, large and small French Finger Knives, Tenaculums, Gum Lancets, Abscess Lancets, Thumb Lancets, Vaccinating Lancets, &c.

FIG. 161. Seton Needle.



FIG. 162. Plain double bladed
Pocket Instrument.



FIG. 163. Tortion Forceps.



Fig. 52.	Hey's Saw for small articulations.....	\$1.75
" 53.	Detmold's Metacarpal Saw, narrow blade with rubber guard.....	1.50
" 54.	Szymanowski's Bone Exsecting Saw, two Blades, improved by Tiemann & Co., rotating blades	30.00
" 55.	Chain Saw, rotating vice handles. so arranged that, if by accident the saw is broken in an operation, the end of the broken link is caught and the operation continued.....	10.00
" 56.	Chain Saw and Ligature Carrier	2.00
	Post's Chain Saw and Ligature Carrier, Fig. 108.....	4.00
" 57.	Tiemann & Co.'s double action Circular Saw for operations on the jaws and skull.....	12.00
" 58.	Lifting-back Metacarpal Saw, five sizes.....	from \$2.50 to 5.00
" 59.	Lenticular Knife and Elevator	1.75
" 60.	Lente's Interosseous Saw	1.50
" 61.	Gaillard's Bone Drill for ununited and oblique fractures.....	2.50

Retractors: Figs. 62, 73, 74, 76.

Fig. 62.	Prince's Retractor	3.50
" 63.	Prince's Bone Staff.....	3.50
	Blandin's Bone Staff.....	3.00
" 64.	Tirefond or Bone Screw, for extracting fragments.....	\$1.75 to 2.25
" 65.	Maxillæ Saw curved to left	2.00
" 66.	Graefe's Circular Saw.....	20.00
" 67.	Maxillæ Saw, curved to right	2.00
" 68.	Costotome, Rib or Bone Shears with a clasp to keep them closed when not in use	6.00
	Bone Shears, various sizes and patterns.....	\$4.00 to 7.00
" 69.	Isaac's Bayonet-shaped Bone Forceps for operations on the upper jaw, various sizes	\$4.00 to 7.00
" 70.	Goodwillie's Periosteum Levator, for the roof of the mouth	2.00
" 71.	Goodwillie's Periosteum Levator, slightly curved.....	2.00
" 72.	Brace Trepan, without the Crown	15.00
" "	Brace Trepan and guarded Crown	21.00
	Guarded Crown Trephines	@ 6.00
	Hand Trepan, Fig. 75.....	2.50
" 73.	Mott's Retractors, German silver, pair.....	1.50
" 74.	Blackman's Retractors, pair.....	3.00
" 75.	Hand Trepan for guarded Trephines	2.50
" 76.	Parker's Retractors, pair	1.50
" 77.	Ferguson's Lion-jaw Bone-holding Forceps.....	3.00
" 78.	Heine's Resection Saw, Osteotome	300.00
" 79.	Curved Rongeur or Bone-gouge Forceps.....	3.50
" 80.	Straight Rongeur or Bone-gouge Forceps	3.50
" 81.	Van Buren's Trepanning and Sequester Forceps	\$2.50 to 3.00
" 82.	Markoe's curved Sequester Forceps	3.00
	Post's small Rongeur for operations upon the bones of the Eye and Ear.	3.00
Fig. 83.	Leaden Mallet, will not rebound.....	2.50
" 84.	Bone Gouge, to be used with the mallet	1.50
	Bone Gouges, for the hand or mallet, various sizes.....	\$1.50 to 2.00
" 85.	Curved Hand Gouge.....	1.50
" 86.	Bone Chisel, various sizes	\$1.00 to 1.25

FIG. 164. Spear-pointed Thumb Lancet.



FIG. 165. Abscess Lancet.



FIG. 166. Broad-pointed Thumb Lancet.

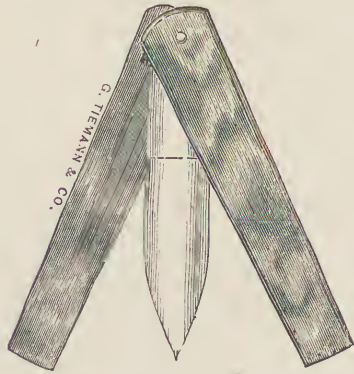


FIG. 167. COOPER'S
Hernia Knife

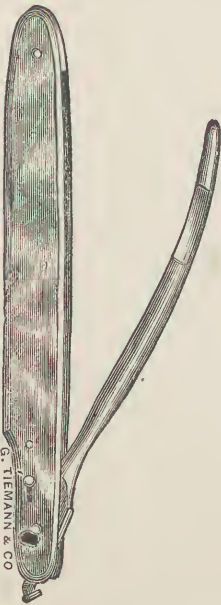


FIG. 168. Curved Probe-pointed
Bistourie.

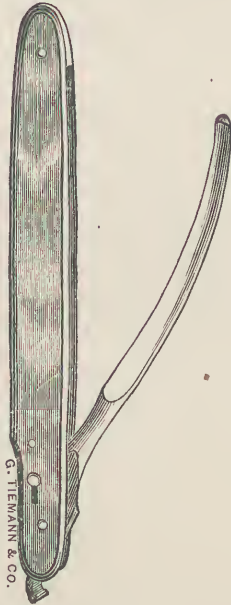


FIG. 169. Curved
sharp-pointed Bistourie



Slide-catch Pocket Instruments

with Turtle-shell Handles.

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Edward Pfarre.

Bone Chisels and Gouges, with oblique edge, for the hand or mallet. \$1.50 to 2.00	
Post's Toe-nail Forceps, for extracting inverted toe-nails.....	2.50
Raspatory with Ebony handle	2 00
Raspatory, five-pointed, with Ebony handle	2 50
Lenticular Knife with Ebony handle	1.50
Langenbeck's Hook for extracting pieces of bone.....	1.50

Artery Instruments: Fig. 87, 88, 89, 90, 91, 92, 93, 94, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 112, 113, 114.

Fig. 87. Speir's Artery Constrictor	\$4.00
" 88. Prince's Tenaculum Forceps	6.00
" 89. { Stearn's Artery	
" 90. { Claws	
" 91. { and Forceps	8.00
" 92. Carrol's Knot Tyer	2.50
" 93. Mott's Set of Aneurism Needles	3.00
" 94. Plain Aneurism Needle	0.75
" 95. Ruptured Perincum Needle	1.75
" 96. " " "	75 cts. to 1.00
" 97. Tiemann & Co's Hollow Needle for wire Sutures	4.00
" 98. Skeene's Needle for ruptured Perineum	1.75
" 99. Nott's Artery Clamp Forceps	6.00
" 100. Sharp-pointed Aneurism Needle	1.00
" 101. Hamilton's spring-catch Artery Forceps	2.50
" 102. Milne's Artery Compression Forceps	1.50
" 103. Spring-catch fenestrated Artery Forceps	2.00
Plain Artery Forceps, Fig. 129	1.00
Coxeter's Artery Forceps, Fig. 130	1 25
Plain spring-catch Artery Forceps, Fig. 131	1.50
Slide-catch Tortion Forceps	3.00
Crampton's Artery Needles, pair	5.00
Liston's plain slide Artery Forceps	1.75
Double Crossing Artery Forceps	1.50
Serrefines, steel	0.50
Serrefines, German silver	0.25
Assalini's Tenaculum	5.00
" 104. Petit's Spiral Tourniquet	2.00
" 105. Prussian Field Tourniquet	0.75
American Field Tourniquet	1.00
" 106. Mott's Tourniquet	2.00
" 107. Field Tourniquet	1.00
" 108. Post's Ligature Carrier	4.00
" 109. { For Prices of	
" 110. { Needles	
" 111. { see page 34.	
" 112. Briddon's Artery Compressor	\$30 to 60.00
" 113. May's Tourniquet	15.00
" 114. Tiemann & Co's Direct Pressure Tourniquet	2.00
Van Buren's Ligature Instrument	5.00

Erichson's, Signaroni's, Carte's, Depuytren's, Gross', Charriere's and other *Compressors* made to order at fair rates

FIG. 170. Pocket-Scalpel with slide catch.



FIG. 171. Tenotome



Slide-catch Pocket Instruments with

FIG. 172. Gum Lancet.

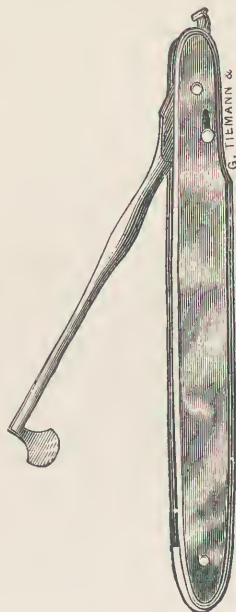
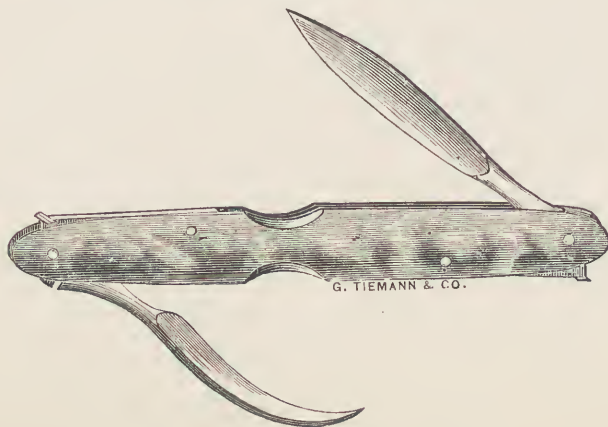


FIG. 173. Tenaculum.



Turtle-shell Handles.

FIG 174. SYME'S Abscess Knife and Scalpel



Double Bladed Pocket Instrument,

with Spring catches.

Bullet Instruments:

Fig. 115.	U. S. A. Bullet Forceps.....	\$2.00
" 116.	Tiemann & Co.'s Bullet Scoop	1 75
" 117.	Bullet Seeker, burr head.....	1.00
" 118.	Mose's Bullet Extractor	3.50
" 119.	Tiemann & Co.'s Bullet Screw	2.00
" 120.	Nelaton's Bullet Probe, porcelain head	0.60
" 121.	Tiemann & Co.'s Bullet Seeker.....	6.00
" 122.	Sayre's Vertebrated Bullet Probe, silver.....	8.00
" 123.	Tiemann & Co.'s American Bullet Forceps	2.00
" 124.	Hamilton's Bullet and Sequestrum Forceps.....	2.50
" 125.	Long silver Bullet Probe	0.75
" 126.	Hamilton's jointed Director Probes with Nelaton's porcelain head, in 3 Parts.....	2.50
" 127.	Tiemann & Co.'s Bullet Probe and Lint Introducer	0.75
	Whalebone Bullet Probes	0.60
	Leadon Bullet Probes	0.50
" 128.	Thomasin's Bullet Forceps	2.50

Minor Operating Instruments:

Fig. 129.	Plain Pocket Case Artery Forceps.....	\$1.00
" 130.	Coxeter's Artery and Dissecting Forceps.....	1.25
" 131.	Spring-catch Artery Forceps, plain teeth	1.50
	The same, Bull dog	1.50
" 132.	Slide-catch Artery or Tortion Forceps	3.00
" 133.	Pocket Case Spatula and Elevator	0.60
" 134.	Hernia Director, grooved.....	2.50
	Buck's Hernia Director.....	3.00
" 135.	Exploring Director, Lancet Point.....	1.00
" 136.	Plain Tenaculum, rivetted Ebony handle	0.75
" 137.	Scalpel, rivetted Ebony handle.....	0.80
" 138.	Scalpel, rivetted Ivory handle.....	1.00
" 139.	Curved Probe-pointed Bistourie, Ebony handle	1.00
" 140.	Cooper's Hernia Knife, rivetted Ebony handle	1.00
" 141.	Scalpel, rivetted Ebony handle.....	0.80
" 142.	Straight Finger Knife, rivetted Ebony handle	1.00
" 143.	Curved sharp-pointed Bistourie, rivetted Ebony handle	1.00
	For Bistouries, Scalpels and Tenotomes, see also pages 4, 6, 54, 56, 58, 59, 60, 61.	
" 144.	Staphyloraphy Knife, single edge, curved to the right	2.50
" " " " "	curved to the left.....	2.50
" 145.	Tonsil Hook.....	2 00
" 146.	Green's Tonsil Bistourie, plain.....	2.00
	" " Bistourie, Ivory, feruled.....	2.25
" 147.	Green's Double Hook.....	3 00
" 148.	Double-edged Staphyloraphy Knife.....	2.50
" 149.	Scissors for opening arteries or other small canals	1.75
" 150.	Angular Operating Scissors	1 50
" 151.	Dissecting Scissors	75 cts. to 1.00
" 152.	Operating Scissors, curved on the flat	1.50
" 153.	Polypus Dressing Forceps, double crossing	2.00

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FIG. 175. Four Bladed Spring-catch Pocket Instrument.

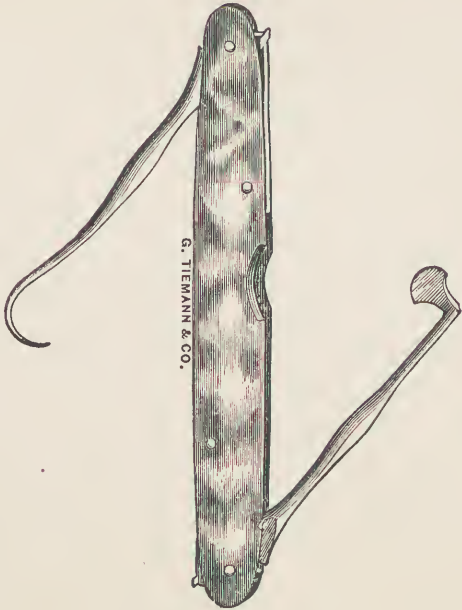
Turtle Shell Handle.



1 Scalpel, 1 Finger Knife, 1 curved probe-pointed Bistourie.
1 curved sharp-pointed Bistourie.

FIG. 176. Two Bladed Spring-catch Pocket Instruments.

Tenaculum.



Gum Lancet.

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Fig. 154.	Delicate Probe Director and Tongue Tie	\$1.00
" 155.	Parker's Compound Catheter and Caustic Holder, sterling silver.....	5.60
	The same, plated.....	3.00
" 156.	Compound Male and Female Catheter, sterling silver	3.00
	The same, plated.....	2.00
" 157.	Dressing Forceps	1.50
" 158.	Dressing Scissors	\$1.00 to 1.25
" 159.	Spatula, steel or hard rubber	0.60
" 160.	Plain Pocket Instrument, Tortoise-shell handle, all the varieties	@ 1.00
" 161.	Seton Needle, Tortoise-shell handle	1.50
" 162.	Plain double-bladed Pocket Instrument, all the varieties of blades	@ 1.50
" 163.	Slide-catch Tortion Forceps	3.00
" 164.	Spear-pointed Thumb Lancet.....	50 cts. to 1.00
" 165.	Abseess Lancet	1.00
" 166.	{ Broad-pointed Thumb Lancet	50 cts. to 1.00
	{ Evan's Lancet	1.00
" 167.	Cooper's Hernia Knife, slide-catch, Tortoise-shell handle.....	2.00
" 168.	Curved Probe-pointed Bistourie, slide-catch, Tortoise-shell handle	2.00
" 169.	Curved sharp-pointed Bistourie, slide-catch, Tortoise-shell handle	2.00
" 170.	Scalpel slide-catch, Tortoise-shell handle	2.00
" 171.	Tenotome, slide-catch, Tortoise-shell handle	2.00
" 172.	Gum Lancet, slide-catch, Tortoise-shell handle	2.00
" 173.	Tenaculum, slide-catch, Tortoise-shell handle	2.00
" 174.	Syme's Abseess Knife and Scalpel, spring-catches, Tortoise-shell handle .	3.00
" 175.	Four-bladed spring-catch, Pocket Instrument, Tortoise-shell handle	7.00
" 176.	Tenaculum and Gum Lancet, spring-catch, Tortoise-shell handle	3.00
" 177.	Scalpel and Probe-pointed Bistourie, slide-catch, Tortoise-shell handle...	3.00
" 178.	Pair of silver Probes	0.75
" 179.	Tenaculum and Gum Lancet, slide-catch, Tortoise-shell handle	3.00
" 180.	Post's and Buck's Needles, slide-catch, Tortoise-shell handle.....	3.00
" 181.	Sharp-pointed Bistourie and Tenotome, slide-catch, Tortoise-shell handle	3.00
" 182.	Grooved Director and Aneurism Needle	0.75
" 183.	Porte Mèche	0.60
" 184.	Grooved Director and Tongue Tie.....	0.75
" 185.	Tiemann & Co.'s Patent catch Instruments, single-bladed	2.00
	The full Pocket Set as per List, page 49.....	33.00

End of Part I.

Part II. will contain: EYE, EAR, MOUTH, LARYNGEAL, TRACHEOTOMY INSTRUMENTS, &c



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FIG. 177. Scalpel and Probe-pointed Bistourie

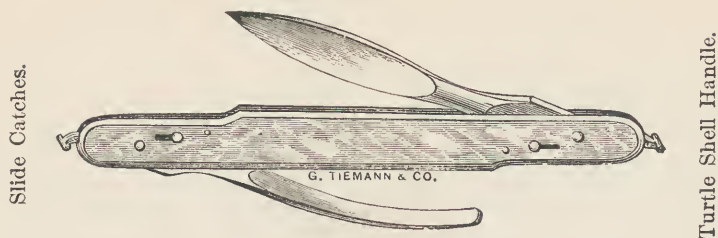


FIG. 178. Silver Probes.



FIG. 179. Tenaculum and Gum Lancet.

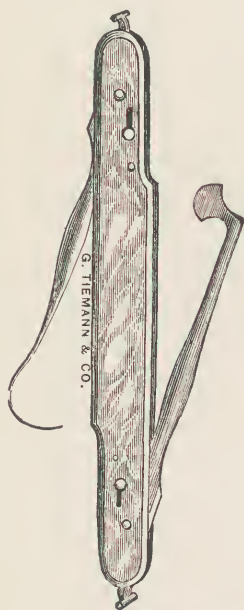


FIG. 180. Post's and Buck's Needles.

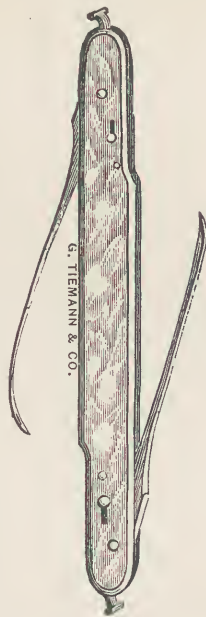


FIG. 181. Sharp-pointed Bistourie and Tenotome

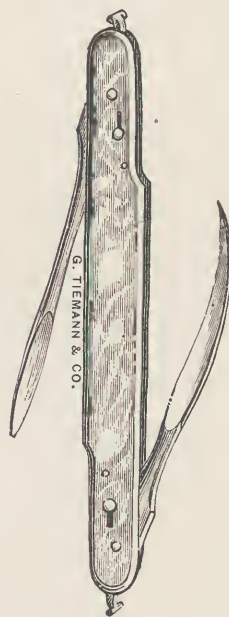


FIG. 182. Director and Aneurism Needle.



FIG. 183. Port mèche.



FIG. 184. Director and Tongue Tie.





WE have constantly on hand: Surgical Instruments of all descriptions, Laryngoscopes, Ophthalmoscopes, Endoscopes, Hypodermic Syringes, Fever Thermometers, Apparatus for Urine Test, Local Anæsthesia, Galvanic Batteries, (Farradaic and Constant Current), Test Glasses (Eye), Medicine Chests, Saddle Bags, Microscopic Instruments, Embalming Syringes, Metal and Hard Rubber Injection Syringes, Trusses, Bandages, Supporters, Shoulder Braces, Crutches, Suspensory Bags, &c

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ORTHOPEDIC APPLIANCES of the most approved patterns, viz.: Club-foot Shoes, Tiemann & Co.'s, Sayre's and others, Spine Braces, Tiemann & Co.'s for Pott's Disease and Scoliosis, Sayre's Lateral Curvature Brace, Washburn's Spine Brace, Markoe's Torticollis Brace, Anchylosis Braces for Arm and Leg, Bow-Leg Braces, Genu Valgum or Knock Knee Braces, Braces for anterior curvature of the Tibia, Weak Ankle Braces, Braces for paralysed Hands, Arms, Legs or other parts of the body, Barwell's Artificial Muscles and attachments, Sayre's, Davies', Andrew's, Hutchisons' and other Braces for Coxalgia, Sayre's Knee and Ankle Extension Splints, Extension Instruments for shortened Legs, Apparatus for Bunions and over-riding Toes, Apparatus for Ununited Fractures and Resected Bones, Prince's Substitute for the Arm, Elastic Hose for varicose veins, &c.

On request we will send to

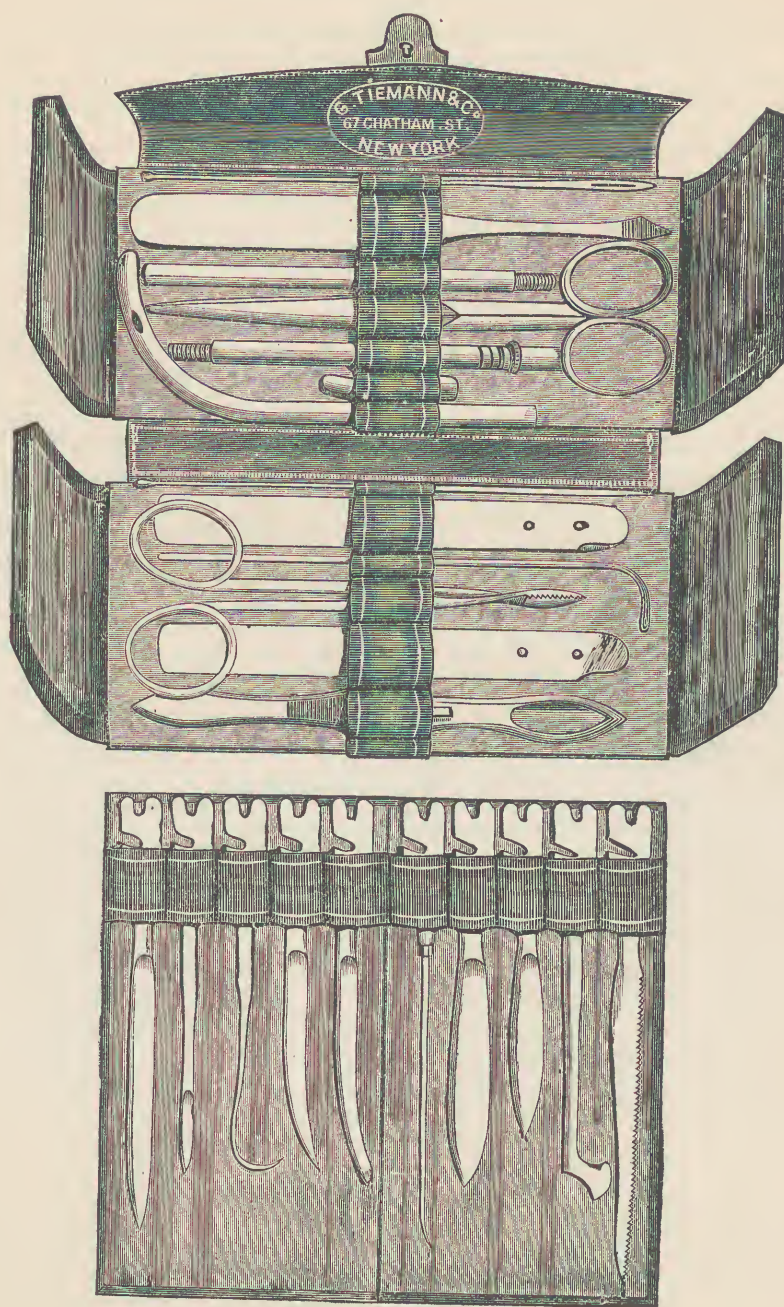
Physicians and others living at a distance a description of any Orthopedic Apparatus that may be wanted by their patients, together with Directions as to the mode of taking such measurements as we require for the construction thereof.

GEO. TIEMANN & CO.

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FIG. 185. TIEMANN'S & Co.'s Patent-Catch Pocket Set.





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